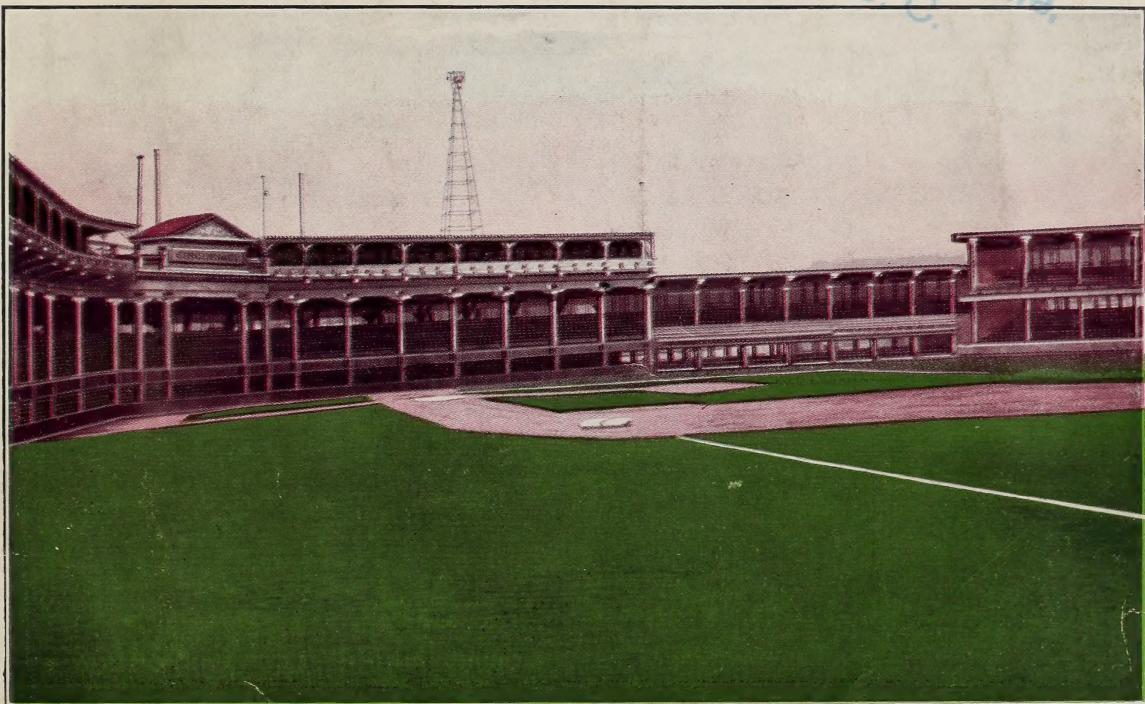
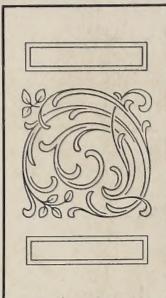


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Do not assume content reflects current scientific knowledge, policies, or practices.

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SURE SUCCESS SEEDS



“NATURAL CULTURE” Lawn Grass Seed
at the
Cincinnati Base Ball Park

THE MEIER-SHOEMAKER SEED CO.

406 Sycamore Street,

♦ ♦ ♦ ♦ ♦

CINCINNATI, OHIO

NATURAL CULTURE LAWN GRASS SEED

This is composed mainly of **Genuine Kentucky Blue Grass** mixed with the exact proper proportion of other dwarf evergreen grasses best adapted for making a perfect lawn. You are not paying for **chaff, weed or "weight"** in buying this mixture. It is an **"all seed" mixture** of the **highest quality**, containing only those grasses which are suitable for lawns. It is adapted for almost any situation or soil and **will invariably give satisfaction** to those who plant it. The best lawn grass without exception. Sure of growth and of that **beautiful deep blue-green** shade of the "Blue Grass Section" so admired by all, it is bound to please you. Natural Culture Mixture is best whether for sun or shade, low or high ground, or any hard, peculiar condition or soil, and it is not **adulterated with Canada Blue Grass or chaff Red Top** seed.

Price 1 pound 25c., Five pounds for a \$1.00, one bushel 14 pounds \$2.75.

Note—In making new lawn the ground should be plowed or spaded, then thoroughly pulverized and rolled, sowing at the rate 1 lb. to 300 square feet or four bushels to the acre, which should be raked or harrowed in and rolled. For old lawn reseed lightly with half the quantity and thoroughly roll.



SURE SUCCESS SHADE GRASS.



Makes a perfect lawn in shady places which can be cut with the lawn mower. Not a bunch grass but a velvety lawn grass equal to our regular lawn mixture. Sow 1 lb. to 300 square feet and reseed each year with about half the quantity. If the ground has soured and moss has appeared, this must be raked off and land plaster applied to sweeten it. Price . . . 30c. lb; 4 lbs. \$1.00; \$3.25 per bushel, 14 lbs.

"THE LAWN ROLLER HAS BECOME AN ABSOLUTE NECESSITY ON A WELL KEPT LAWN."



MR. SCHWAB
Ground-Keeper Cincinnati Ball Park.

CINCINNATI EXHIBITION CO.

Operating the Cincinnati Base Ball Club.

The Meier-Shoemaker Seed Co.,
406 Sycamore St.,
Cincinnati, O.,

Gentlemen:

Send us before Thursday Dec. 8th. 15 bus. grass seed the same mixture you usually prepare for us for Fall seeding. The results obtained from your mixture sown last Fall were unusually gratifying.

To patch the infield I was compelled to remove several feet of sod in the left field, I sowed your grass seed mixture on this spot and was surprised to find it coming up in less than two weeks after sowing. Notwithstanding the rough usage to which our grounds are subjected, we were able to maintain a thick, beautiful green turf. Please give this matter your personal attention.

Yours respectfully,

Cincinnati, O.,
December 7, 1910.

THE CINCINNATI EXHIBITION CO.

(Signed) Per M. SCHWAB

TO OUR CUSTOMERS.

LOOK FOR THE WORDS,

SURE SUCCESS SEEDS

ON THE PACKAGE. WHY?

Because, "Sure Success Seeds" stamped on the package means something. It means that the seeds in that package have been carefully **raised by experts**. It means care in handling from the time the seed has left the field until it is placed in your hands. It means that it has been **tested and examined by experts**. In short it means that The Meier-Shoemaker Seed Co. have put their seal of approval on that package of seeds. And we don't do this carelessly because we are jealous of **our reputation as honest seedsmen**.

Our knowledge of "**what** you want and **why** you want it" makes us handle only the best. We contract with only the most **reliable growers**, men who give one or two varieties their special attention.

WHEN YOU BUY SEED.

You want seed that will grow. If you ask for purple Tomato seed you want the seed sold you to produce **Purple Tomatoes, not Red or Yellow**. You want the plants that grow from that seed to produce a large crop. You know that the difference in cost between good seed and worthless or inferior seed is but a trifle. Buying seed is not gambling. You cannot afford to take a chance by saving a few cents difference between the cost of new, tested, and reliable seed and the other kind. Yet you do not care to pay two prices for some novelty or new variety which may be only one of our old standard sorts under a new name.

You have been looking for a seed house that handles **only the best** and sells the best at a **reasonable price**. We invite you to examine our catalogue and see if you can find any variety that has not some distinct quality or merit. Compare our prices with those of any reliable seedsman and you will find our prices are lower.

Now in regard to shipping your order. We are in the heart of the city which has railroads branching out to every part of the country. We guarantee the safe arrival of your order to your railroad station.

We try to ship every order the day it is received. You can help us by sending your order early; before the middle of February if possible. Mistakes will happen in spite of endless precautions. We are confident that none will happen, but should they, write us at once and we will do our best to **make everything satisfactory**.

Send your money with the order. You are perfectly safe, as the seeds can be returned if not exactly as represented, and you can have your money back. If too much is sent we will return the amount over.

How to send money.—Your check is good. Post Office Order, Registered Letter, Express Money Order or Draft on Cincinnati or New York are cheap ways of sending money safely.

About free Delivery.—We deliver free to Cincinnati stations or railroad depots or to suburbs any order of seeds, plants or bulbs. **Seeds in packets, ounces, and quarter pounds** are sent **free by mail** at prices quoted. **Half pounds, half pints and larger quantities**, if to be sent by mail, **postage must be added** to the price quoted at the rate of ten cents per pound and sixteen cents per quart.

Guarantee.—Complaints made that seed are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are hundreds of contingencies continually arising to prevent the best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all description destroying the plants as soon as or before they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For the above reasons it is impracticable to guarantee seeds under all circumstances. We give no warranty express or implied, as to description, purity, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

IMPORTANT.—Read our cultural directions. Avoid deep planting, over-watering, under-watering, or sowing too thickly.

We wish to thank our many friends and customers for their generous patronage during the past year and trust we will be favored with a continuance of their orders during the coming season.

The Meier-Shoemaker Seed Co.,

CHAS. F. MEIER, President

A. C. FRASER, Vice-President.

A. J. SHOEMAKER, Secretary and Treasurer.

Directors.

CHAS. F. MEIER,
A. J. SHOEMAKER,

MRS. MATILDA MEIER.

A. C. FRASER,
A. J. TONER,

General Manager, A. J. SHOEMAKER.

WHAT OTHER PEOPLE THINK OF US.

Robert M. Van Horne,
LAW AND COLLECTIONS.
BODMANN BUILDING,
621 MAIN STREET

Meier & Shoemaker
406 Sycamore City

Gentlemen:

Although I bought

from you more than twenty varieties of seeds and sowed ^{the past} this season, all were vigorous and strong growing and all were true to name. No seeds were mixed, but all came in single varieties.

The Early Ohio seed potatoes grew better and stronger than two other plantings of other seed that cost me a great deal more, although all were planted in the same field. You will please therefore expect my trade again next season and you may ^{now} consider for me the same quantity of Ohio seed I had last year.

Very truly yours

Robert M. Van Horne

Cherry Grove, Ohio.
Meier & Shoemaker.

Every seed of the clover I bought from you grew, A strong statement but all the garden, field and grass seed were as good if not better than I ever sowed. One sowing was sufficient to get a stand the past year where other years I have had to make sometimes two or three.

Yours,

OWEN BENNETT.

Meier & Shoemaker.
Gentlemen:

We planted your Giant Stringless Beans the past season and think it is the best stringless bean we ever saw. Some of them were almost as large as Kentucky Wonder Pole Beans and perfectly stringless. Think it is one of the best for the market.

Yours truly,

ELIJAH BEHYME,
Route No. 1. Amelia.

Meier & Shoemaker.

Gentlemen:—I will place my order for seed with you later. The Peas, Beans, Tomato and other seed bought from you the past season were fine, the Alaska especially good. Truckers Favorite Tomato is certainly a big cropper and will be planted by me again this season.

Meier & Shoemaker.

The Truckers Favorite Tomato Seed I bought last spring sown the 20th of June and set out July 5th matured and brought me \$1.00 per bushel in the market. I found them true to name and good bearers.

November 18, 1910.
Meier & Shoemaker.
I bought Alaska and Telephone Peas, ZigZag Corn and Stringless Beans and Alfalfa Clover seed from you last season. Everything was fine in fact I believe every seed grew. Your ZigZag Corn was extra nice and is a fine corn for the market.

Yours truly,
CONRAD STUB,
4 Mile, Ohio.

Meier & Shoemaker.
Gentlemen: The seed I bought from you last year was very satisfactory, particularly your Stone Tomato which was the finest I have ever grown.

WILLIAM BAUER,
Camp Dennison, O.

Meier & Shoemaker.
The Louisville Drumhead Cabbage I purchased from you came true to name and all the seed germinated. The Grand Rapids Lettuce was also very good stock and proved satisfactory.

HENRY DAIR,
Newtown, Ohio.

OFFICE OF
JOHN NICHOLS,
ATTORNEY AT LAW,
JOHNSTON BUILDING, CINCINNATI, OHIO

Cincinnati, O., November 6, 1909.

Meier & Shoemaker,

#406 Sycamore St., City.

Gentlemen:

I thank you for your information concerning my inquiry in relation to plants, and I am glad to say that I have found all of the plants and bulbs, which I have purchased from you, to be in good condition and satisfactory in every way, and true to name.

I have had the same experience with the seeds which I have purchased from you, and shall take pleasure in recommending you to my friends as reliable seedsmen.

Very truly yours,

John Nichols.

Meier & Shoemaker.

In regard to seeds purchased from you during past season I have found them satisfactory in every respect, particularly in the matter of purity of stock and productiveness of strain.

Yours truly, J. F. FAHRENKAMP, Plainville, O.

October 16, 1910.

Yours truly, ED. BRIDGES, Newtown, Ohio.

HENRY LAUB, Clermont Co., Ohio.

WHAT OTHER PEOPLE THINK OF US.



Spiraea Van Houttei
Strong Plants, 50c.

Newtown, Ohio,
Feb. 11th, 1911.

Messrs. Meier & Shoemaker,
Cincinnati, O.,

Dear Sirs:—

Having been asked by several persons in reference to your firm, I thought possibly my answer might be of benefit to you, your customers, and particularly your prospective customers. You are therefore at liberty to use this as you may think best.

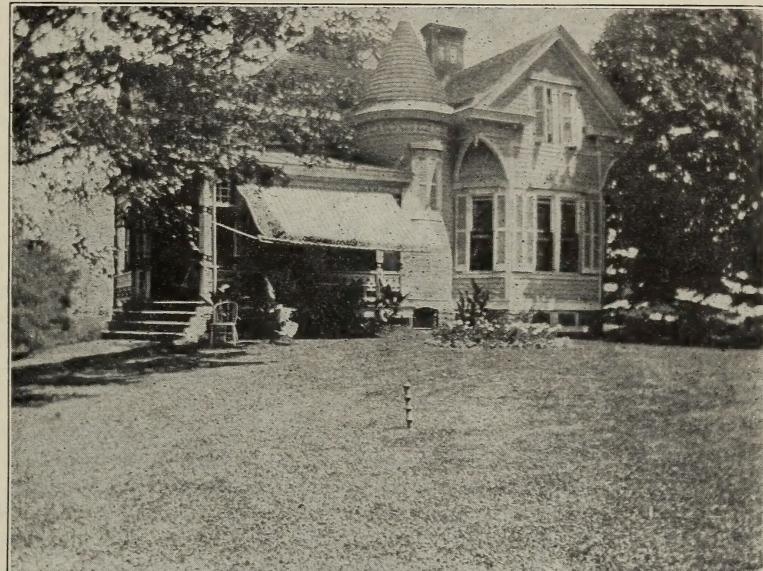
As you are well aware, I have been acquainted with your firm ever since you started in the seed business. I have bought of you seeds of various kinds, poultry supplies, fertilizers, spray material, etc., and they have all been up to the standard as to quality, in fact all you claimed for them, the prices have been as low and in some instances lower than could have been obtained elsewhere, and you have always given me to understand that if anything was not all right or not as you had represented it, you would be glad for me to let you know so that you could make it right, and I know your customers

I have tested your seeds and plants on my farm for the past two years and found them unsurpassed, your rhubarb and asparagus roots also have proven to be the genuine stock, this will urge me to order a greater amount of your seeds for the coming 1911 season.

Yours respectfully,

JOS. J. STEFFEN,

Cold Springs, Ky.



LAWN OF MR. JOHN NICHOLS.

SOWN WITH NATURAL CULTURE LAWN GRASS SEED.

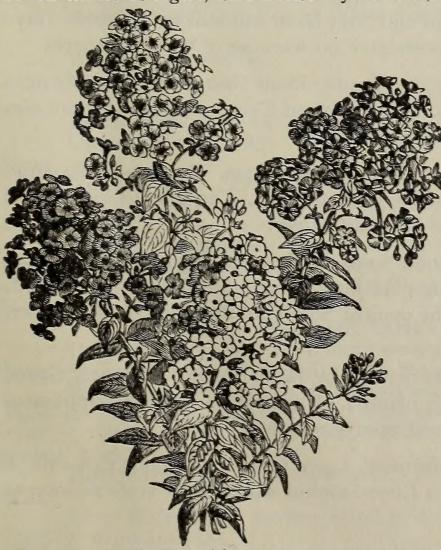
25c. lb.; \$1.00 5 lb.; \$2.75 Bus.

will receive at your store not only courteous and gentlemanly attention, but goods of quality, and should by accident any mistake occur, every reasonable effort will be made to rectify same.

Yours respectfully,

R. F. D. No. 1,
Hamilton County.

THOMAS B. MATTHEWS,
Newtown, O.



Phlox.
15c. Each: \$1.50 Per Doz.

CAPITAL, 80,000.

715

SURPLUS, 20,000.

The First National Bank

Batavia, Ohio

OFFICERS

W. F. Roudebush, President
J. F. Dial, Vice President
P. F. Jamieson, Cashier

DIRECTORS

W. F. Roudebush C. T. Jamieson
J. F. Dial A. B. Nichols
P. F. Jamieson G. G. Jones
G. M. Roudebush

Feb. 16. 1911.

Messrs. Meier & Shoemaker.

Dear Sirs:—There is no matter that is of more importance to the farmer than the one of securing pure seeds. It is a satisfaction to me to know, and I can gladly state that the seeds I have bought of your firm have proven to be of the very best quality.

Yours truly,

W. F. ROUDEBUSH.

Sure Success Seeds

and

“The Time to Plant Them.”

January. Order your seeds **now** we can ship later if desired, but be sure to have them on hand when you are ready to sow. Early cabbage, Beets, Lettuce, Radish, Cauliflower, Onion and flower seeds can be sown in hot beds. Clover and Grass Seeds can be sown on wheat or meadows. In the orchard, pruning and spraying for scale can be done to an advantage.

February. If you have delayed, Cabbage, Lettuce, Beets, Radishes, Cauliflower, Onions and flower seeds can still be sown. Egg Plant and Peppers toward the last of the month. If favorable prepare the ground for the garden. Sow early Garden Peas, Kale, Beets, Spinach, Carrots, Celery, Radish and Parsley. Set Onion Sets, Asparagus and Rhubarb Plants. Sow Natural Culture Lawn Grass for making new lawn or reseeding the old lawn. Clover and Grass Seeds, Canada Peas with Oats, can be sown for early hay. Sweet Peas should be planted as soon as the ground can be worked.

March. In hot beds or window boxes sow Egg Plant, Peppers and Tomatoes. If the weather is favorable sow Peas in variety for succession. Cabbage, Cauliflower, Onion, Celery, Spinach, Leek, Parsley, Lettuce, Radish, Beet, Asparagus, Carrot, Parsnip and Salsify, in about the order named. Irish Potatoes, Asparagus Roots, Rhubarb and Onion Sets. If you have not sown Natural Culture Lawn Grass Seed and Sweet Peas do so at once. Cauliflower, Lettuce and Cabbage Plants can be transplanted from the hot-bed to the garden. The hardy kinds of herbs and flower seeds can be sown now. Sow Clover and Grass Seeds, Oats, Canada Field Peas and Dwarf Essex Rape. Spray fruit trees with Bordeaux and Arsenate of Lead.

April. Seeds mentioned above which have not been sown are still seasonable. Cabbage, Lettuce, Tomatoes, Beets, Radishes and Peas in different varieties should be sown for succession. If the weather is right plant Corn, Bush Beans, Okra the early part of the month and Cucumber, Musk-Melon, Water-Melon and Squash the latter part if warm. Sweet Potatoes can be started in hot-beds. Sweet Peas, Natural Culture Lawn Grass Seed and Grass and Clover Seeds should be sown at once. Plant Stock Beets. Sheep manure can be used to an advantage as a top dressing. Spray fruit trees with Bordeaux and Arsenate of Lead.

May. All seeds not previously sown can still be planted, also Lima and Pole Beans. Cabbage Plants for Winter use should be started now. Sorghum, Millet, Fodder Plants, Cow Peas, Kaffir Corn, etc. should be planted. Tomato, Pepper, Sweet Potatoes and Egg Plants should be set out. Plant all flower seeds and bulbs. Keep down the weeds and destroy the first crop of insect pests. Don't fail to keep spraying the fruit trees.

June. Set out Cabbage, Tomato, Egg Plants, Peppers and Sweet Potato Plants. Sow Tomato, Cabbage, Cauliflower, Beans and Corn for late crop. Millets, Cow Peas, Sorghum and Soja Bean can still be planted. Have Slugs, Tobacco Dust, and Arsenate of Lead on hand. The insect pests give no warning of their approach.

July. Plant Bush Beans and Late Corn. Set out Cabbage and Celery Plants. Plant Cucumbers using tobacco dust around the hills. Plant Late Potatoes. Sow Ruta-Bagas in drills. Sow Crimson Clover and Hungarian, also Corn in drills for fodder. Buckwheat, Navy Beans and Cow Peas are seasonable.

August. Sow Bush Beans, Lettuce, Endive, Spinach, Kale, Turnips and Ruta-Bagas. Buckwheat Rye and Barley should be sown for fall and winter grazing and afterwards will make crop of grain. Candidum Lilies should be planted now. Send for our Fall Catalogue of Bulbs, Fall Seeds, etc. We mail it free.

September. Set out Onion Sets and Sow Lettuce, Winter Radishes, Spinach, Turnips, Corn Salad and Kale. Pansy and Hardy Perennial Flowers can be sown and plants from spring planting can be successfully transplanted. Hyacinths, Tulips, Crocus, Narcissus, etc. should be planted the last of the month. Sow Timothy, Blue Grass, Clover, Rye and Barley.

October. Sow Kentucky Blue Grass on the lawn. Plant Onion Sets. Sow Kale, Spinach, Lettuce, Grass, Clover, Wheat, Oats, Rye, Barley and Vetches. Fall Bulbs can still be planted. Examine the spraying apparatus to see if it is in working shape, or better look over our line of Improved Sprayers and buy one.

November. Sow Lettuce and early varieties cabbage in cold frames. Lawn Grass and Bulbs can still be planted also Wheat, Rye, Timothy and Red Top. Spray the trees with Lime-Sulphur solution for scale as soon as the leaves fall.

December. Only Hot-beds and Green House sowing can be done this month. Prepare for Spring planting by sending for our catalogue and selecting varieties to be planted.

VEGETABLE SEED DEPARTMENT.

Prices subject to stock being unsold.

All seeds in Packets, Ounces and Quarter-Pounds only, are sent free by mail, at prices quoted; Half-Pounds, Pounds, Pints, Quarts and larger quantities, if to be sent by mail, postage must be added to prices quoted at the rate of ten cents per pound and 16 cents per quart.

ARTICHOKE.—Half-ounce produces 300 plants.

Culture. Seed sown in hot-beds is transplanted in May. If in the open ground, sow in April in rows fifteen inches apart and one inch deep, thinning out to four inches, and transplanting the following spring in rows three feet apart and two feet between the plants. Should be given slight protection in winter with litter or manure.

Large Globe. Buds large, nearly round, scales pale green, shading to violet at the base, thick and fleshy.

5c Pkt.; 25c oz.; 90c $\frac{1}{4}$ lb.

ASPARAGUS.—One ounce sows 35 ft. producing about 800 plants.

Culture. Sow the seed thinly one inch deep in rows fifteen inches apart. Keep clean of weeds and thin out plants to 4 inches apart. When two year old set out in permanent beds.

Giant Argenteuil. A mammoth variety, about twice the size of anything now on the market, and a prolific long-lived sort.

Barr's Mammoth. A fine, large stemmed green variety.

5c Pkt.; 15c oz.; 35c $\frac{1}{4}$ lb.; \$1.25 lb.

Columbian Mammoth White. Pure white stalks, large size, finest quality.

5c Pkt.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

ASPARAGUS ROOTS.—One hundred roots plants a bed 15 x 25 feet.

Culture. Soil should be well drained. Plow out trenches eighteen inches wide and six to ten inches deep, making the trenches four to eight feet apart. Set out two year old plants fifteen inches apart in the rows. Spread out the roots, and cover with soil, care being taken not to cover the young crowns more than three to four inches at first. To make white asparagus the bed must be lighted earthed up each spring.

Barr's Mammoth. Two-year-old roots.

\$1.00 per 100; \$4.25 per 500; \$7.00 per 1,000

Columbian Mammoth White. Two-year-old roots.

\$1.00 per 100; \$4.25 per 500; \$7.00 per 1,000

Giant Argenteuil. Two-year-old roots.

\$1.00 per 100; \$9.00 per 1,000.

BEANS—DWARF OR BUSH.

One pint sows a row 50 feet long.

Culture. For a medium garden, plant a half pint every three weeks in succession from April to September. Plant in rows 18 to 24 inches apart and about three inches between the beans, covering the seed about two inches. Cultivate often up to the time of blooming, but never while the vines are wet, as the pods will become discolored. The Standard Hand Cultivator is very valuable for this work.

Giant Stringless Green Pod. The kind that makes you ask for more. No strings and the pods are long, round and fleshy. Early and a prolific bearer. The Sure Success Stock is of extra quality. The best bean for the home garden.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Round Pod Red Valentine. The Sure Success kind. A money-maker for the market gardener. The pods are thick and fleshy, of finest appearance and color, ripens uniformly, which combined with its earliness, has caused a decided demand for our stock on the local markets.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Dwarf Horticultural (Dwarf Cranberry). Large green pod, splashed with carmine. Excellent either as snap beans in the garden state, or shelled dry. One of the best sellers on the market always commanding a good price.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Burpee's Stringless Green Pod. This variety is positively stringless and remains tender and crisp; pods pale green, long, straight round and meaty, maturing with the earliest.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

White Kidney or Royal Dwarf. A superior kind for baking, excellent when shelled green.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 60c $\frac{1}{2}$ pk.

Red Kidney. Similar to White Kidney, except in color.

5c $\frac{1}{2}$ pt.; 10c pt.; 15c qt.; 60c $\frac{1}{2}$ pk.

White Marrowfat.

5c $\frac{1}{2}$ pt.; 10c pt.; 15c qt.; 50c $\frac{1}{2}$ pk.

Navy.

5c $\frac{1}{2}$ pt.; 10c pt.; 15c qt.; 50c $\frac{1}{2}$ pk.

YELLOW PODDED WAX VARIETIES.

Black Wax. Very early and prolific; pods round, full and stringless.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Davis Kidney Wax. Pods long, straight, oval, clear, waxy white color, length seven to eight inches, fine flavor.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Golden Wax. Early and productive, excellent quality, crisp and tender.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Wardwell's Kidney Wax. One of the Earliest, hardiest and most productive, almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Round Pod Kidney Wax. A true round pod of fully as good quality as the flat podded sorts. Much more hardy and produces much better crop. We recommend it for home use.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Pencil Pod Wax. An improved Black Wax, hardier and more productive. Pods are long, pencil-like and very brittle. In color a rich dark yellow.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

POLE OR CORN BEANS.—One pint will plant 75 hills.

Culture. Pole beans are more sensitive to cold and wet than Bush Beans, and should not be planted until May. Set poles eight feet long firmly in the ground, four feet apart each way, and put five or six beans in each hill.

Kentucky Wonder or Old Homestead. The most popular of all pole beans, especially in this section. Vines are vigorous in growth, the pods are immense, often obtaining a length of nine or ten inches and borne in large clusters. Bright green, very solid, meaty, tender and stringless when young. Very early and one of the best for general purposes.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

Horticultural (Pole Cranberry). Productive and tender, similar in color and quality to the dwarf sort.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; 75c $\frac{1}{2}$ pk.

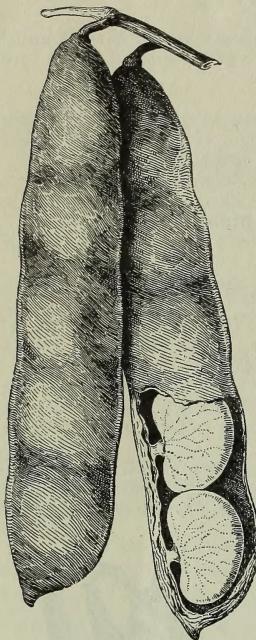
Lazy Wife. Late green-podded pole bean. Pods of medium dark green color, broad, thick, very fleshy and entirely stringless.

5c $\frac{1}{2}$ pt.; 15c pt.; 25c qt.; 85c $\frac{1}{2}$ pk.

Golden Cluster Wax. The pods are from six to eight inches long, stringless, very tender and of delicate flavor.



ROUND POD RED VALENTINE BEANS.



Ideal Pole Lima Beans.

BEANS--LIMA.

DWARF.

Wonder Bush Lima. A variety introduced by Dreer, an improvement on Burpee's Bush Lima. "The kind that melt in your mouth." Plants are upright and compact in growth, and are completely covered with large pods, many of which contain four beans fully as large as Pole Limas. Worthy of a place in any garden. Do not fail to include these in your order. 5c $\frac{1}{4}$ pt.; 15c pt.; 30c qt.; \$1.00 $\frac{1}{2}$ pk.

Burpee's Bush Lima. A bush form of the Large White Lima growing about 18 inches high and forming a circular bush about two feet in diameter. Yields from 50 to 150 fine pods. 5c $\frac{1}{4}$ pt.; 15c pt.; 25c qt.; 90c $\frac{1}{2}$ pk.

POLE.

One pint will plant 75 hills.

Ideal Pole Lima. One of the largest and most valuable Lima Beans as yet introduced. The vine is usually vigorous in growth and is very productive, bearing large clusters of broad pods each six to eight inches long, and containing four to six large beans of most excellent quality. While the variety matures a little later than Selbert's Early Lima, the pods are much larger and no Lima grown is more attractive in appearance. A splendid acquisition for market gardeners. 5c $\frac{1}{4}$ pt.; 15c pt.; 30c qt.; \$1.00 $\frac{1}{2}$ pk.

King of the Garden Lima. Vines very vigorous and productive. Pods very long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing sooner and will make larger pods if not more than two vines are left to grow on a pole. 5c $\frac{1}{4}$ pt.; 15c pt.; 25c qt.; 90c $\frac{1}{2}$ pk.

Large White Lima. Vine tall growing, vigorous but slender; leaves medium sized, smooth, light green, pods borne in clusters, long, broad, very thin, dark green; seed large, ovoid, flat, greenish white. 5c $\frac{1}{4}$ pt.; 15c pt.; 25c qt.; 90c $\frac{1}{2}$ pk.

Selbert's Early Lima. The earliest of all the large Limas. Vine is hardy and vigorous, continues in bearing longer than any other; fine quality. 5c $\frac{1}{4}$ pt.; 15c pt.; 25c qt.; 90c $\frac{1}{2}$ pk.

B E E T S .

One ounce sows a row fifty feet long. 5 pounds to the acre.

Culture. In hot-beds sow in January. Outside sow in February, March or April. Sow late beet in July or August. Beets succeed best in rather light, mellow, deep worked, and well manured soil. Sow in row fifteen inches apart and thin out plants to four inches apart.

Detroit Dark Red Turnip. Long experience has shown this variety to be the best dark red turnip beet, not only for market gardeners, but for home use. It is also by far the best for canning, making a strikingly handsome product, much superior to that obtained from any other variety. Its small top, early maturing and the splendid shape and color of the root makes it popular with everyone who plants it. Top small, upright growing so, that the rows may be close together; leaf stem and veins dark red, blade green; root globular or ovoid and very smooth; color, of skin dark blood red; flesh deep vermillion red, zoned with darker shade, very crisp, tender and sweet and remaining so for a long time. We believe that the stock of this variety which we offer will produce a crop more uniform in shape, color and quality than any other beet seed obtainable. The Sure Success Strain is undoubtedly an ideal beet for any market. 5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.

Egyptian Extra Early. One of the earliest, of good quality and medium size. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Eclipse. One of the best early sorts with a small tap root and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

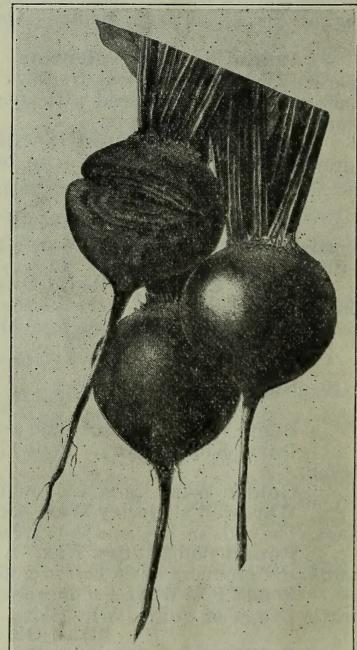
Edmond's Early Turnip. Tender and sweet; skin blood-red; flesh, dark red. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Crosbys Improved Egyptian. An improved strain of the Egyptian Beet. It is much thicker than the original stock. An excellent variety for the market gardener's hot-bed. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 75c lb.

Bassano (Sugar Beet). A very early flat variety, tender, juicy, flesh, white and rose-colored; very sweet. 5c $\frac{1}{2}$ oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Swiss Chard. The mid-rib is served like asparagus and the leaves like spinach. 5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.

Mangel Wurtzel. Excellent for stock. 15c $\frac{1}{4}$ lb.; 30c lb.



DETROIT
"THE SURE SUCCESS KIND."

BRUSSEL SPROUTS.

One ounce produces 3000 plants. Three ounces to the acre.

Culture. A variety of the cabbage family and one of the most delicious vegetables. Plants grow from two to three feet high producing miniature savory Cabbage heads one to two inches in diameter. Sow in May, transplant in June, requires about same treatment as late cabbage, but when buds are half grown, it is better to break down the leaves to allow them more room for development.

Improved Half Dwarf. 5c $\frac{1}{4}$ oz.; 10c $\frac{1}{2}$ oz.; 20c oz.

CABBAGE.

One ounce makes 1500 plants; 6 ounces sown will set an acre.

Culture. For early use sow in frames in December, January or February. For summer and early Fall sow outside in March. For late use sow in April, May or June, according to period of maturity. Set eighteen to thirty-six inches apart, according to the size of variety. When setting out, plant up to the first leaf stems. Supply plenty of moisture. Tobacco Dust or Slug-Shot can be dusted over the plants to protect them from insects.

The Sure Success Strain has established our reputation for quality in Cabbage Seed on the local markets. We have personally been assured by numbers of our Cincinnati gardeners that our All Head Stock was the finest seen on the local market for years.

Early Jersey Wakefield. Heads hard and solid; pyramidal in shape, pointed at the end.

5c $\frac{1}{4}$ oz.; 20c oz.; 60c $\frac{1}{4}$ lb.; \$2.00 lb.

Charleston Wakefield. Fifty per cent. larger in size than the old type of Wakefield, and is only a few days later.

5c $\frac{1}{4}$ oz.; 20c oz.; 60c $\frac{1}{4}$ lb.; \$2.00 lb.

Early Spring. Early as the Jersey Wakefield, but the heads are of the round, flat type of early summer. Stem short and heart very small. The quality is extremely fine, veins small and not the least signs of coarseness. The heads harden at an early stage of growth, so that they are really fit for use before fully matured.

5c $\frac{1}{4}$ oz.; 20c oz.; 60c $\frac{1}{4}$ lb.; \$2.00 lb.

All Head Early. The largest heading of the second early sorts, of excellent quality. The deep flat heads are solid and uniform in size, of a compact growth having few outer leaves.

5c $\frac{1}{4}$ oz.; 25c oz.; 75c $\frac{1}{4}$ lb.; \$2.50 lb.

Louisville Drumhead. A vigorous sort of flat Dutch type. Plant short stemmed and compact, with broad well rounded, large leaves, very full at base. Head semi-flat, thick and of good quality.

5c $\frac{1}{4}$ oz.; 20c oz.; 50c $\frac{1}{4}$ lb.; \$1.75 lb.

Premium Flat Dutch. A variety for winter market. Heads, large round, solid broad and flat on top. They open white and crisp, are tender and well flavored.

5c $\frac{1}{4}$ oz.; 20c oz.; 60c $\frac{1}{4}$ lb.; \$1.75 lb.

American Drumhead Savoy. Heads large and finely curled; short stalk and compact grower; an excellent keeper.

5c $\frac{1}{4}$ oz.; 20c oz.; 50c $\frac{1}{4}$ lb.; \$1.75 lb.

Mammoth Rock Red. The largest and most solid of the red varieties; a sure heading sort and tender.

5c $\frac{1}{4}$ oz.; 20c oz.; 50c $\frac{1}{4}$ lb.; \$1.75 lb.

CORN SALAD.

Culture. Sow in September in rows 9 to 12 inches apart. Press the soil firmly and the seed will germinate better. Mulch lightly with clean straw or leaves. Can also be sown early in spring.

Large Seeded. Round leaved; the best variety.

5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 50c lb.

CRESS.

Culture. Sow early in Spring in rows sixteen inches apart on very rich ground, and keep plants well cultivated. Use Slug-Shot for a protection from insects.

Extra Curled or Pepper Grass. Fine flavor and the best for dry soil.

5c pkt.; 10c oz.; 20c $\frac{1}{4}$ lb.

True Water. This is a distinct variety for cress with small oval leaves and thrives best when its roots and stems are submerged in water. A fine growth may be obtained in soil which is kept wet. The seed should be sown and lightly covered in gravelly, mucky lands along the borders of small rapid streams. When gathered for the market the shoots should be cut, not broken off. In summer it is best to cut them closely, the oftener the better.

5c pkt.; 35c oz.; \$1.00 $\frac{1}{4}$ lb.

CARROT.

One ounce to a hundred feet of drill.

Culture. Any good land thoroughly and deeply worked will produce satisfactory crops. Sow early in Spring in rows 12 inches apart, and half an inch deep, and thin out three to six inches apart.

Early Scarlet Horn. Early red summer variety, fine grained and good flavor.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.

Chantenay Half-Long Scarlet. A stump rooted variety, large shoulder, very productive. The best variety for the home garden; also largely grown by the market gardener. The quality is unusually fine and the appearance striking.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.

Danvers. Good size and stump rooted, rich dark orange color, grows to a large size, smooth and the flesh very close in texture, with little core.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.

Guerande or Oxheart. A thick Carrot, five inches long and very blunt at the lower extremity. It is tender, of good flavor and of a deep red color.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.

Long Orange. Root long and tapering. One of the best for main crop or stock.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 75c lb.



CHANTENAY.

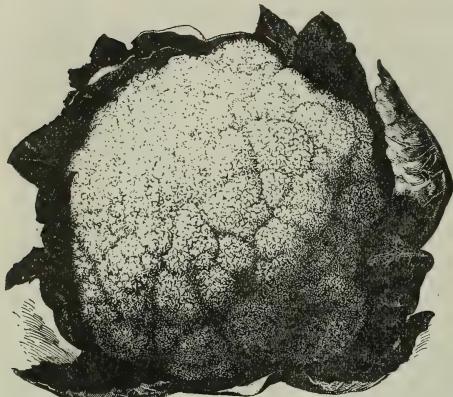
CHIVES.

Culture. Sow in rows, may afterward be transplanted. The plants are productive for two or three years and may then be taken up, divided and reset. Highly esteemed for use as a salad and the green stems afford a very pleasant onion flavor.

10c pkt.; 3 pkts. 25c.

CAULIFLOWER.

$\frac{1}{4}$ oz. produces about 500 plants.



Sure Success Snowball.

Culture. For early forcing, sow in December or January or for spring planting in January or February in gentle hot-beds or cold frames. For field culture sow and give same treatment as for early or late cabbage. They require plenty of manure, moisture and cultivation. After they begin to head, fasten the leaves together over the top to protect from the sun and keep white.

Sure Success Early Snowball. Adapted for forcing or wintering over for early crop. It is also one of the best sort for the late summer and fall crop, and with reasonably favorable conditions every plant will form a large, solid head of fine quality. The plants are compact with few narrow, upright leaves, and are well suited for a close planting. The heads are solid, compact round, very white and are developed earlier than those of any other sort.

25c pkt.; 75c $\frac{1}{4}$ oz.; \$2.50 oz.

Early Favorite. Exceedingly hardy, easily grown and the best sort for the in-experienced grower, as it will head under conditions in which many sorts would fail. The plants are large and form large heads, which although inclined to be open, are crisp, tender and of fine quality.....5c pkt.; 25c $\frac{1}{4}$ oz.; \$1.00 oz.

CELERY.

One ounce sows about 100 feet and produces about 8000 plants.

Culture. Sow in February, March, or early April in rows, in fine, rich soil, and dry enough, press with a roller or back of a spade. Keep seed bed well watered, as celery germinates slowly. Transplant from June to August. Celery does best in a moist mucky soil. Can be planted in single or double rows, earthing up as it grows two or three times, and in doing this care should be taken not to let the earth get into the heart of the plant.

Golden Self-Blanching. The best Celery for early use. Its rich, golden yellow color, close habit and compact growth and greater than all, the readiness with which it is bleached and rendered marketable, makes it invaluable to the gardener and exceedingly popular with every planter. The entire stalk is solid and crisp. The heart is a rich golden yellow, with light yellowish-green outer leaves.....5c pkt.; 30c oz.; \$1.00 $\frac{1}{4}$ lb.

White Plume. Plants light yellowish-green, with tips of leaves almost white. As they mature, the inner stems and leaves turn white and require to be earthed up but a short time before they are in condition for use.....5c $\frac{1}{4}$ oz.; 25c oz.; \$1.00 $\frac{1}{4}$ lb.



Golden Self-Blanching.

CELERIAC.

Turnip Rooted Celery.

Large Erfurt. Roots, when sliced, and used with vinegar and oil, make a delicious salad.....5c $\frac{1}{2}$ oz.; 15c oz.; 50c $\frac{1}{4}$ lb.; \$1.25 lb.

CORN--SWEET OR SUGAR.

One quart will plant 300 hills. 6 to 8 quarts to an acre.

Culture. Plant for a succession, two or three weeks apart, the different varieties, in rows three to four feet apart and eight inches apart in the rows. In hills three feet apart each way, covering about half inch. Cultivate often. The Hand wheel hoe is admirably adapted for the work. Any farmer of the Little Miami valley can testify to the purity of our seed corn stock. Our Country Gentleman and ZigZag is unsurpassed for purity of type.

Adams Extra Early. The hardiest and earliest variety for table use, but not a sugar corn.....5c $\frac{1}{2}$ pt.; 10c pt.; 15c qt.; 75c pk.

Adam's Early. Larger than Adam's Extra Early and a few days later.

5c $\frac{1}{2}$ pt.; 10c pt.; 15c qt.; 70c pk.

Golden Bantam. A very early sweet corn, with golden yellow grain, very tender and of excellent quality. The ears are eight rowed, six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Height about four feet.....5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; \$1.25 pk.

Kendel's Early Giant. Very early; fit for use in sixty days from planting. Ears large, 8 to 10 inches in length. Twelve rows to a cob. Kernels pure white, sweet and tender.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; \$1.00 pk.

Country Gentleman. Averages three good sized ears to a stalk; small cob, deep kernels and delicious quality.....5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; \$1.25 pk.

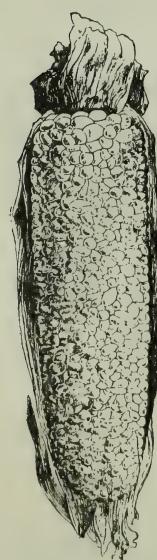
Black Mexican. A black grained variety, sweet and tender; must be picked young to avoid a black appearance when cooked.....5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; \$1.10 pk.

Stowell's Evergreen. The ears of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; \$1.00 pk.

ZigZag Evergreen. This is one of the sweetest and best late Sweet Corn. The ears are as large as those of the Evergreen, but the Kernels are placed irregularly or zig-zag upon the cob, which is always an indication of great sweetness in any variety of sugar corn.

5c $\frac{1}{2}$ pt.; 10c pt.; 20c qt.; \$1.25 pk.



Zig-Zag Evergreen.

CUCUMBER.

One ounce is sufficient for 50 hills.

Culture. For early field crop, plant in hot beds or window boxes and transplant, or sow outside as soon as the weather becomes settled warm, about the end of April or early May, in hills about four feet apart each way. Tobacco Dust on vines will protect from insects.

Early Cluster. An early variety, growing in clusters; extremely productive.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 85c lb.

Improved White Spine. The fruit grows from seven to ten inches long, is quite smooth, of a deep green color, and full at both ends. 5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; 95c lb.

Jersey Pickle. As a pickling variety, is unsurpassed. Its characteristics are its uniform growth and its immense productiveness. 5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; 90c lb.

London, or Long Green. A standard late sort, crisp and tender, very prolific.

5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; \$1.00 lb.

Extra Long or Evergreen White Spine. Beautiful in shape and color and of the finest quality. The fruit is long, cylindrical dark green, with very white crisp and tender flesh. An entirely new and distinct sort. The vine is vigorous and productive. An excellent sort for culture under glass. 5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; \$1.00 lb.

Gherkin. A very small prickly variety, used exclusively for pickling for which purpose they should be gathered while young and tender. 10c $\frac{1}{2}$ oz.; 15c oz.; 50c $\frac{1}{4}$ lb.

DANDELION.

Culture. Same as lettuce. 5c pkt.; 20c oz.; 60c $\frac{1}{4}$ lb.



Evergreen
White Spine.

EGG PLANT.

One ounce produces 1000 plants. 4 oz. to the acre.

Culture. In February or March sow in hot-beds and keep warm. When two inches high, transplant to pots or to good rich soil. About middle of May set out three feet apart each way, and protect from bugs by dusting with Slug-Shot.

New York Improved. This is the leading market variety everywhere.

5c pkt.; 25c oz.; 90c $\frac{1}{4}$ lb.

Black Beauty. This beautiful Egg Plant is ten days earlier than New York Improved. The fruits are broad and thick, of most attractive form. The skin is a rich lustrous purplish black. 5c pkt.; 30c oz.; \$1.00 $\frac{1}{4}$ lb.

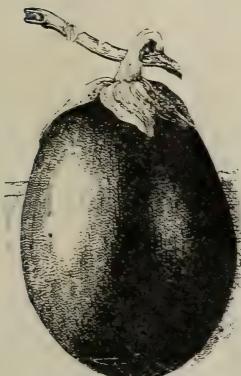
ENDIVE.

Culture. Generally sown in August in rows eighteen inches apart, and when large enough thin out to one foot apart. When nearly grown, tie up outer leaves to blanch the heart. In dry season give plenty of water.

Large Green Curled. Finely blanched centers of good quality. Outer leaves well cut and bright deep green. 5c pkt.; 15c oz.; 50c $\frac{1}{4}$ lb.

Broad Leaved Batavian. Broad, thick, plain or slightly wrinkled leaves, forming a large head. 5c pkt.; 15c oz.; 50c $\frac{1}{4}$ lb.

The plant is moderately dense with divided leaves of fine golden yellow. The best variety for our market. 5c pkt.; 20c oz.; 70c $\frac{1}{4}$ lb.



Black Beauty.

Golden Yellow. The plant is moderately dense with divided leaves of fine golden yellow. The best variety for our market. 5c pkt.; 20c oz.; 70c $\frac{1}{4}$ lb.

KALE.

Four ounces to the acre.

Culture. Sow either broadcast or in rows eighteen inches apart, from first of September till the middle of October. Also can be sown in February or March at which time the Dwarf Curled Scotch is best. The fall sowing can be lightly protected with straw during the severe weather.

Dwarf Curled Scotch. Plant low and compact, but with large, bright, deep green leaves curled cut and crimped. 5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 50c lb.

Tall Scotch. Leaves green, curled and wrinkled; two feet in height; hardy.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 65c lb.

Curled Winter. The leading variety for fall sowing in the local market. Deep green leaves, very curled and crimped. Make a low vigorous growth and stands longer without shooting the seed.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 50c lb.

KOHL-RABI.

(French Turnips.)

One ounce will sow a row 200 feet long.

Culture. For early use sow in hot-beds, or outside in March or April, in rows eighteen inches apart. Treat same as Cabbage. For Winter use, sow in June or July. The stems just above the ground swell into a bulb, resembling a turnip.

Early White Vienna. The flesh is white and tender. 5c pkt.; 20c oz.; 50c $\frac{1}{4}$ lb.

Early Purple Vienna. Differs from the above in color. 5c pkt.; 20c oz.; 50c $\frac{1}{4}$ lb.

LEEK.

Culture. Sow early in April, in drills one foot apart, one inch deep. When the plants are six to eight inches high, transplant in a deep rich soil in rows twelve inches apart and six inches in the rows, as deep as possible so the neck will be covered and blanched. Draw the earth to them as they grow.

Large American Flag. This is by far the best variety. It grows to a good size and is wonderfully uniform.

5c $\frac{1}{4}$ oz.; 15c oz.; 50c $\frac{1}{4}$ lb.

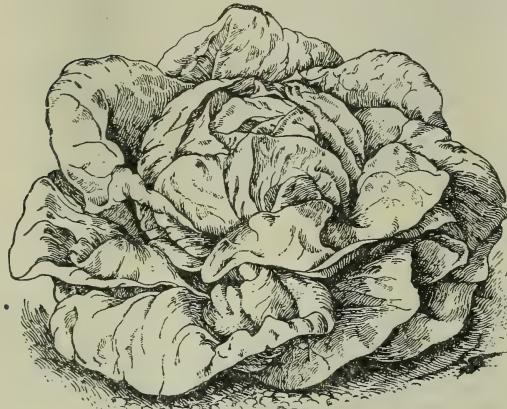
LETTUCE.

One ounce will sow a row 200 feet long.

Culture—For winter forcing make sowings from September to February. Sow the curled varieties every four weeks, the head varieties about every six weeks. For early spring crop sow in hot beds in January or February and transplant in the spring. For autumn use sow in July. Sow the hardy varieties in September and protect if necessary.

HEAD VARIETIES.

Big Boston—Desirable for forcing in frames and for spring and fall out door planting. 5c. $\frac{1}{4}$ oz.; 15c. oz., 40c. $\frac{1}{4}$ lb.; \$1.25 pound



Deacon.

Salamander. One of the best for summer use, forming good-sized, compact heads. . . Color, light green outside, and white inside. 5c $\frac{1}{4}$ oz.; 15c oz.; 40c $\frac{1}{4}$ lb.; \$1.00 lb.

CURLED VARIETIES.

Black Seeded Simpson—one of the most popular sorts. It forms large loose leaves, very tender and of good quality. One of the best sorts for use under glass as well as for early outdoor planting. 5c. $\frac{1}{4}$ oz.; 15c. oz.; 40c. $\frac{1}{4}$ lb.; \$1.00 lb.

Early Curled Simpson—Does not head, but forms a close compact mass of leaves very early; excellent for forcing. 5c. $\frac{1}{4}$ oz.; 15c. oz.; 40c. $\frac{1}{4}$ lb.; \$1.00 lb.

Grand Rapids—One of the best varieties for forcing, being of quick growth, little liable to rot and standing for some days after being fit to cut. The plant is upright, and forms a loose head or cluster of large yellowish green leaves, slightly crimped and blistered, which will stand shipping long distances. 5c. $\frac{1}{4}$ oz.; 15c. oz.; 40c. $\frac{1}{4}$ lb.; \$1.00 lb.

COS. VARIETIES.

Early White Self-Folding—Leaves upright yellowish white, very crisp and tender; a self blanching lettuce of superior flavor. 5c. $\frac{1}{4}$ oz.; 15c. oz.; 40c. $\frac{1}{4}$ lb.; \$1.25 lb.

MUSK=MELON.

One ounce sows fifty hills. Two pounds to the acre

Culture—Prepare hills four to six feet apart, a rich moderately dry, sandy loam, or sod land is best. Thoroughly mix well rotted stable manure in each hill. When danger of frost is past, plant ten seeds about half inch deep and thin out to four plants to the hill when insects have disappeared. The liberal use of Tobacco Dust in and upon the hills and vines is the best protection against insects. To promote fruitfulness, pinch the ends of the vines when they begin to blossom especially if the growth is luxuriant. Cultivate with hand wheel Hoe until the vines cover the ground.

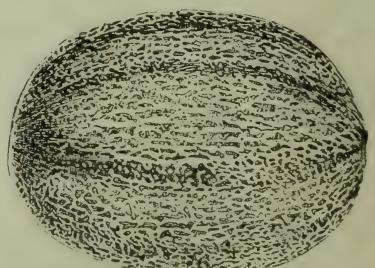
Caution—Squash, Pumpkin and Cucumber are liable to mix with melons if planted near each other

Jenny Lind. Vines rather small, but vigorous and productive. Fruit small, somewhat flattened, deeply ribbed; flesh green and exceedingly sweet. 5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; \$1.00 lb.

Extra Early Hackensack. The fruit is medium sized, nearly round, evenly and deeply ribbed and with very coarse netting; The flesh is green, a little coarse, but very juicy, sweet and well flavored. 5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; \$1.00 lb.

Netted Gem or Rocky Ford. The fruit is oval, slightly ribbed, densely covered with fine netting. Flesh thick green, very sweet and high flavored. 5c $\frac{1}{2}$ oz.; 10c oz.; 30c $\frac{1}{4}$ lb.; 85c lb.

Petoskey or Paul Rose. A yellow fleshed sort of suitable size for a basket melon and of the finest quality. Fruit oval, about five inches in diameter, and in general appearance much like the Netted Gem, but a little larger. Flesh orange colored, highly flavored, very thick, firm and sweet. 5c $\frac{1}{2}$ oz.; 10c oz.; 40c $\frac{1}{4}$ lb.; \$1.25 lb.



Rocky Ford.

WATER MELON.

One ounce plants 30 hills; 3 lbs. to the acre.

Culture. Same as for Musk Melons, giving more room, 8 to 10 feet apart each way.

Sweet Heart. Vine vigorous and productive, ripening its fruit evenly. Fruit large, oval, very heavy, rind thin, but firm; marked much like Peerless, but with lighter shades of green, flesh bright red, firm, solid but very tender, melting and sweet. Fruit retains its good quality for a long time after ripening.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 65c lb.

Peerless. Vine moderately vigorous hardy, productive; fruit medium sized, oval bright green, finely veined or mottled; rind thin, flesh bright scarlet, solid, crisp, tender and very sweet.

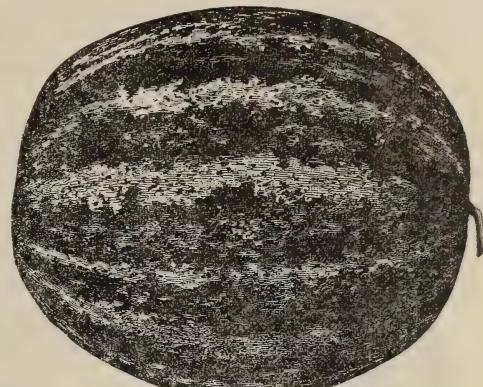
5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Kolb's Gem. Vines of medium size, but remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. Rind exceedingly hard and firm, making it a good sort for shipping. Flesh bright red, solid, a little coarse, but sweet and tender.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 65c lb.

Georgia Rattlesnake. Long in shape, light green with dark stripes, large size. The rind is remarkably thin, though it stands shipping well, and the flesh is sweet, tender and luscious.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 65c lb.



Kolb's Gem.

MUSTARD.

One ounce sows 30 feet.

Culture—Sow during February, March or April or in the fall during September or October, either broadcast or in rows six inches apart. Cut when about three inches high.

Southern Giant Curled—Leaves light green, frilled and very crimped at edge.

5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 50c. lb.

White English—Best for Salads.

5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 50c. lb.

OKRA.

One ounce sows 40 feet

Culture—When the ground has become warm, sow thickly in drills three feet apart, and when large enough thin out to eight inches apart in the rows. To keep for winter use slice the pods when young and tender into narrow rings; string and hang in the shade to dry.

Perkins Mammoth Long Pod—Plant dwarf, very early and productive. The pods are long, slender, deep green.

5c. $\frac{1}{2}$ oz; 10c. oz; 25c. $\frac{1}{4}$ lb; 60c. lb.

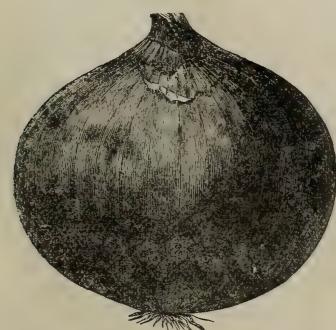
White Velvet—Round, white smooth pods, unlike other varieties. The pods are of extra large size and produced in great abundance.

5c. $\frac{1}{2}$ oz; 10c. oz; 25c. $\frac{1}{4}$ lb; 60c. lb.

ONION.

One ounce sows 15 feet

Culture—For large onions; sow in January or February in hot-beds. As soon as the weather is open and the sets are the size of a goose quill, transplant in rows twelve inches apart and four to six inches between the onions. For Main Crop. Sow in the open ground in March or April in drills 12 inches apart, thinning afterwards to three or four inches apart. For sets; sow thickly in March in wide rows ten to twelve inches apart in smooth clean well prepared and. Keep free of all weeds. The Standard Double Wheel Hoe is just the right tool for onion culture.



Yellow Globe Danvers.

Yellow Globe Danver. Small neck globular in form, excellent keeper. The best type of onion for our market.

5c $\frac{1}{4}$ oz.; 15c oz.; 50c $\frac{1}{4}$ lb.; \$1.50 lb.

White Portugal or Silverskin. A medium sized onion of mild flavor and with beautiful, clear white skin.

5c $\frac{1}{4}$ oz.; 20c oz.; 70c $\frac{1}{4}$ lb.; \$2.50 lb.

Prizetaker. Large size and nearly globular in form. Skin is yellowish brown; flesh white, mild and tender.

5c $\frac{1}{4}$ oz.; 15c oz.; 50c $\frac{1}{4}$ lb.; \$1.75 lb.

Large Red Weatherfield. The most popular red variety for main crop.

5c $\frac{1}{4}$ oz.; 15c oz.; 50c $\frac{1}{4}$ lb.; \$1.75 lb.

ONION SETS.

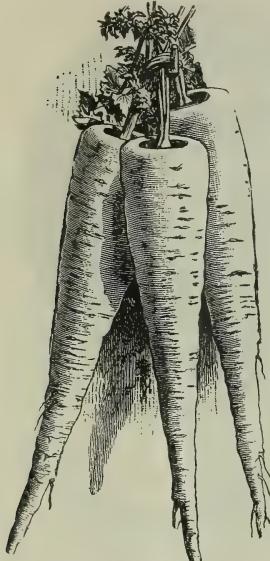
Culture. Plant the sets about four inches apart in rows about half an inch deep and one foot between the rows, but do not cover the set entirely. This applies to all varieties except the potato Onion which should be planted in rows fifteen inches apart and nine inches in the row, and then covered with an inch of soil. All varieties can be set out in fall as well as spring.

Yellow Danvers, Silver Skin, Yellow Potato or Multiplier and Top Sets. Write for prices. Our stock is excellent.

PARSLEY.

One ounce will sow 150 feet.

Culture. Soak the seed in water a few hours and sow in rich soil early in Spring, in rows a foot apart and cover lightly. Parsley is slow to germinate, and it is sometimes three or four weeks in coming up.



HOLLOW CROWN.

Extra Double Curled. Beautifully crimped and curled.

5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 55c lb.

Turnip-Rooted or Hamburg. The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. 5c $\frac{1}{2}$ oz.; 10c oz.; 25c $\frac{1}{4}$ lb.; 65c lb.

PARSNIP.

One ounce of seed will grow 200 feet.

Culture. A rich sandy loam, deeply worked, is the best. Sow in April in drills eighteen inches apart, covering lightly. When the plants are two inches high, thin out to four to six inches apart. The seed is slow to germinate.

Long Smooth Hollow Crown. We believe this is the finest stock of parsnip that can be produced. The roots are of uniform size and smooth.

5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 45c lb.

PEANUTS.

Culture. Plant in May in rows $2\frac{1}{2}$ to 3 feet apart, dropping them twelve to fifteen inches apart in the drill.

Improved Virginia. A fine productive strain making large sized nuts. It is also very largely grown for stock feeding, the vines and roots pulled up and cured making excellent nutritious hay, or very fattening food for hogs.

15c qt.; by mail 25c postpaid.

PEAS.

One pint plants 50 feet; $1\frac{1}{2}$ to 2 bus. per acre.

Culture—Peas succeed best in light rich loamy soil, which has been manured the previous season. Plant in rows two and a half to three feet apart, one inch deep, and two inches apart in the drill. They will give quicker returns covered only one inch deep and where earliness is important they may be treated that way. Larger pods and more of them will be produced if the seed be planted in trenches three to six inches deep and covered with only one inch of soil and when the plants are five or six inches high fill the trench level with the surface. If peas be covered the full depth at first, or if water be allowed to stand in the trenches they will not germinate or grow well.

EXTRA EARLY VARIETIES.

First and Best—The earliest and most even strain of white, extra early peas in existence, maturing so well together that sometimes a single picking will secure the entire crop. Vines vigorous and hardy; two and one-half to three feet high, bearing three to seven straight pods, each containing five to seven medium sized, smooth peas of fair quality. 5c. $\frac{1}{2}$ pt. 10c. pt; 20c. qt; \$1.50 pk.

Alaska or Earliest of All—Vines two and one half to three feet high bearing four to seven pods, which are filled with medium sized, bright green peas of good flavor. Matures all the crop at once and is an invaluable variety for market gardeners and canners. 5c. $\frac{1}{2}$ pt.; 10c. pt; 20c. qt; \$1.25 pk. The sure Success Strain of Alaskas have proven their value to the pea growers in Kentucky, not only for their earliness and productiveness but for the extreme purity and quality of the stock. "The very best extra early pea" numbers of our customers affirm.

Thomas Laxton—An early wrinkled variety of good merit. Vine three to three and one-half feet high, similar to that of Gradus, but darker in color, hardier and more productive. Pods large, long, with square ends, similar to but larger, longer and darker than those of the Champion of England and as uniformly well filled. The green peas are very large, fine colored and unsurpassed in quality. We are certain that the earliness and productiveness of this pea needs only to be known to make it one of the most popular sorts for the market and home garden, as in appearance and quality it is one of the very best variety yet produced. Crop Failed.

Gradus—An extra early wrinkled pea. The vine is similar in appearance to Telephone, but only three to three and one-half feet high. The immense pods are as large as those of the Telephone, uniformly well shaped, handsome and more attractive than those of the first earlies. The peas are very large, of splendid quality and beautiful color, which they retain after cooking. 5c. $\frac{1}{4}$ pt; 20c. pt. 40c. qt; \$3.00 pk.

American Wonder—The earliest of the dwarf, wrinkled varieties. Vines stout, branching, about nine inches high and covered with well filled pods containing five to eight large, exceedingly sweet tender and well-flavored peas. 5c. $\frac{1}{4}$ pt; 15c. pt; 25c. qt; \$1.75 pk.

Sutton's Excelsior Pea—This handsome new, early wrinkled pea is the largest podded of any dwarf variety on our list. It is also the most vigorous in growth of vine and is unsurpassed in quality. The pods mature very nearly as early as those of Nott's Excelsior but are broader and with the foliage distinctly lighter green in color. We believe Sutton's Excelsior will soon be recognized as one of the most valuable dwarf sort yet produced. Vines 18 inches high; very hardy and heavy bearers. 5c. $\frac{1}{4}$ pt; 15c. pt. 30c. qt. \$2.00 pk.

PEAS—Continued.

Nott's Excelsior—The best early dwarf pea. The vines are larger and more productive than American Wonder and earlier than Premium Gem and average about twelve inches high. The peas in sweetness and quality are unsurpassed. 5c. $\frac{1}{4}$ pt; 15c. pt; 25c. qt; \$1.75 pk.

Premium Gem—(Improved Little Gem). An early green, wrinkled variety. The vine is very productive and grows to a height of from fifteen to eighteen inches. The pods are of medium size and crowded with six to eight very large peas of fine quality. 5c. $\frac{1}{4}$ pt; 15c. pt; 25c. qt; \$1.75 pk.

SECOND EARLY VARIETIES.

Alderman. This comparatively new pea is in many respects the very best early main crop variety of the valuable Telephone Type. The vines grow nearly five feet high, are dark green, vigorous and exceedingly productive. Pods very large, long, dark green, similar to Duke of Albany and about the same in season. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sort which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and furthermore it is the most productive variety of this class. We recommend it unreservedly. 5c. $\frac{1}{4}$ pt; 15c. pt; 25c. qt; \$1.75 pk.

Telephone. Vines vigorous, growing about four feet high, with coarse, light leaves and producing an abundance of very large pods filled with immense peas, which are tender, sweet and of excellent flavor. 5c. $\frac{1}{4}$ pt; 15c. pt; 25c. qt; \$1.75 pk.

LATE VARIETIES.

Champion of England. Very productive and one of the richest and best flavored peas. Height four to five feet; seed light green and much shriveled. 5c. $\frac{1}{2}$ pt; 10c. pt; 20c. qt; \$1.50 pk.

Melting Sugar. Used in the same way as snap or string beans. The pods are very large, extremely tender, fine flavored and are borne in great abundance on vines. Four to five feet high. 5c. $\frac{1}{4}$ pt; 15c. pt; 25c. qt; \$1.75 pk.

Large White Marrowfat. Vines about five feet high of strong growth. Pod large cylindrical, rough, light colored and well filled. 5c. $\frac{1}{2}$ pt; 10c. pt; 15c. qt; \$1.00 pk.

PEPPER.

One ounce will make 1000 plants.

Culture. Sow in hot-bed in February or March and transplant to open ground in May, in rows two to two and a half feet apart, fifteen inches between the plants or when the ground becomes warm, sow in open ground and set as above.

Large Bell, or Bull Nose. Large and early, rind very thick; color, glossy red; flavor mild and pleasant. 5c. $\frac{1}{4}$ oz; 20c. oz; 75c. $\frac{1}{4}$ lb.

Long Red Cayenne. From three to four inches long, of bright red color, very productive and hot. 5c. $\frac{1}{4}$ oz; 20c. oz; 75c. $\frac{1}{4}$ lb.

Ruby King. Large sized, ruby red pods, flesh exceedingly thick, sweet and mild. The best. 5c. $\frac{1}{4}$ oz; 20c. oz; 75c. $\frac{1}{4}$ lb.

Giant Crimson. An extremely large, sweet pepper, deep scarlet in color when mature. Plants about two feet high, strong, vigorous and productive. Fruits similar in color and shape to large Bell or Bull Nose, but more than twice as large. 10c. $\frac{1}{4}$ oz; 30c. oz; \$1.00 $\frac{1}{4}$ lb.



Ruby King.

PUMPKIN.

One ounce plants from 20 to 30 hills.

Culture.—Plant in May in well manured hills eight feet apart. Put eight or ten seeds in each hill till the vines get strong, when they should be thinned out, leaving two or three of the strongest plants in each hill.

Sugar or New England Pie.—Small but very sweet, fine grained and of the very best quality. Skin deep orange, flesh rich deep yellow. 5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 60c. lb.

Sweet Cheese or Kentucky Field.—Fruit flattened diameter usually about twice the length; skin mottled light green and yellow, changing to rich cream color when mature, flesh yellow tender and of excellent quality. 5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 50c. lb.

Cashaw Crookneck. Grows to a medium size; flesh light yellow, and is the best variety for table use. 5c. $\frac{1}{2}$ oz; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

RADISH.

One ounce sows a row 100 feet long.

Culture. To be tender and crisp, Radishes must be grown quickly, this requires rich soil and plenty of moisture. Commencing early in spring, sow at intervals of ten days in a light, rich, deeply, worked soil in rows ten to twelve inches apart and thin to two inches in the rows. Can also be forced in hot-beds, but must have plenty of ventilation and moisture.

Prussian Globe. This is the smallest forcing radish offered. Top distinctly small, root round, or slightly flattened; very deep red in color and of the best variety.

5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 60c. lb.

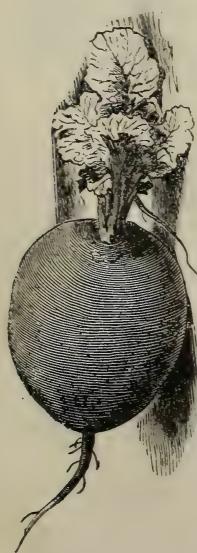
Early Scarlet Turnip. A small top variety, of quick growth, mild and crisp.

5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 60c. lb.

Early White Turnip Rooted. An early pure white radish suitable for forcing or outdoor planting. Flesh white, semi-transparent, crisp and tender. 5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 60c. lb.

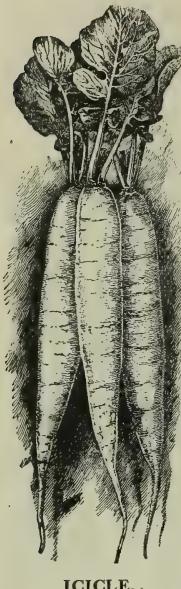
Early Scarlet Turnip, White Tipped. A beautiful variety, deep scarlet with white tip. Has a small top and may be planted closely. 5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 60c. lb.

Early Golden Yellow Oval. Matures very quickly, has a small top and neck and resists the summer heat better than the scarlet or white kind. Root oval, very smooth and handsome; bright, light yellow in color and of fine quality. 5c. $\frac{1}{2}$ oz; 10c. oz; 20c. $\frac{1}{4}$ lb; 60c. lb.



Prussian Globe.

RADISH.—Continued.



Cincinnati Market. They grow perfectly straight and smooth and from six to seven inches in length. Their attractive, glossy, scarlet skin is very thin and the flesh crisp and brittle, and of delightful pungent flavor. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Icicle. The earliest and finest long white. Roots pure snow white, four inches in length and half an inch in diameter. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Improved Chartier, or Shepherd. The long, cylindrical roots are scarlet-rose in color and gradually taper and shade into white at the tip. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

French Breakfast. A quick growing, medium sized radish, rather oblong in shape, color a beautiful scarlet, except near the tip, where it is pure white. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

White Strasburg. Continues crisp and tender until matured, when the roots are four to five inches long and about two inches in diameter. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Early White Giant Stuttgart. Root large, often four inches in diameter, top-shaped; skin white; flesh white and crisp. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Large White Summer, Turnip Rooted. One of the earliest of the summer varieties. Root round, tender and rather pungent in flavor. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Round Black Spanish. Roots round, sometimes top-shaped, three or four inches in diameter; skin black; flesh white, very compact and highly flavored. An excellent sort for winter, as the roots keep a long time. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Long Black Spanish. An excellent sort for winter use. Roots of medium size, oblong, black and firm texture. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

Scarlet China. Roots cylindrical, or largest at the bottom, tapering abruptly to a small top. Skin very smooth and of a bright rose color; flesh firm crisp, tender and quite pungent. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

California Mammoth White China. It is pure white about one foot long and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter. 5c $\frac{1}{2}$ oz.; 10c oz.; 20c $\frac{1}{4}$ lb.; 60c lb.

SALSIFY.

(OYSTER PLANT)

One ounce will sow 100 feet

Culture—Sow in April in rich, light deeply worked soil, in rows 18 inches apart, and thin out to four or six inches. Keep down the weeds with cultivation. Hardy and remains out all winter.

Mammoth Sandwich Island—..... 5c. $\frac{1}{4}$ oz; 15c. oz; 40c. $\frac{1}{4}$ lb; \$1.25 lb.

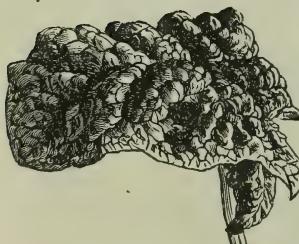
SORREL.

Cultivate—Sow in drills early in spring and thin out to six or eight inches apart. Ready to cut in two months and can be cooked like Spinach. Plants continue in bearing three or four years.

Large Leaved French—The best garden variety, having large pale green leaves of fine quality. 5c. $\frac{1}{2}$ oz.; 10c. oz.; 30c. $\frac{1}{4}$ lb; \$1.50 lb.

SPINACH.

One ounce sows a row 100 feet long; 10 lbs. to the acre.



Culture. Sow in rows a half inch deep, eighteen to twenty-four inches between the rows and thin to six inches apart when the leaves are an inch wide. Sow early in spring or fall. Our gardeners sow the main crop from August to October. Hardy in this vicinity and south of Cincinnati.

Caution. Roll the seed in when sowing in the fall as the seed will germinate but poorly if the soil is loose.

Gardeners. Write for our prices on quantity.

Long Standing. A variety with heavy broad dark green leaves. A valuable variety for spring sowing as it is later in shooting to seed. 5c oz.; 15c $\frac{1}{4}$ lb.; 35c lb.

Bloomsdale Savoy. The Sure Success Strain is the hardiest Savoy leaved Spinach grown; Thick dark green leaves, curled and crimped. Equally good for fall or spring sowing. Plant of upright growth and those wanting a good marketable Spinach should plant this variety. 5c oz.; 15c $\frac{1}{4}$ lb.; 30c lb.

A LEAF OF OUR SURE SUCCESS.
BLOOMSDALE SAAOY SPINACH.

SQUASH

One ounce sows 20 to 30 hills.

Culture—After danger of frost is over plant in warm, rich well cultivated, and manured soil, four to six seeds to the hill, the bush varieties four feet apart, the running sorts eight. When well grown thin out, leaving three of the strongest plants in each hill.

Mammoth White Bush—The best early variety for market or shipping. It grows to a large size, scalloped like a patty-pan. 5c. $\frac{1}{2}$ oz. 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

Mammoth Summer Crookneck—Deep colored with rough warty surface. Its large size and attractive color makes it a favorite with market gardeners. 5c. $\frac{1}{2}$ oz.; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

Hubbard—Standard Winter Squash; grown more extensively than any other late variety; color dark green; shell extremely hard; flesh dry, fine grained and sweet, excellent keeper. 5c. $\frac{1}{2}$ oz.; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

Boston Marrow—A Standard sort for winter. The flesh is of rich orange color and of finest flavor. 5c. $\frac{1}{2}$ oz. 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

TOBACCO.

Culture—Seed sown in February in a plant bed which is protected with thin cotton cloth. About June first set in rich ground in rows three and a half by three feet. Cultivate often and sucker as necessary.

Fine White Burley Seed—Extra stock grown largely for the manufacture of fine cut and plug.....

Connecticut seed Leaf—A quick maturing, stocky short leaves moderate length and good width. Good for fillers.....

5c. pkt. 40c. oz.

5c. pkt; 30c. oz

TOMATO.

One ounce produces 2000 plants; $\frac{1}{4}$ lb. to the acre.

Culture—Sow in hot bed or window boxes in early spring about a half inch deep. When the plants have made four leaves transplant deeply as possible to give a large root system. When the weather becomes warm transplant to open ground, setting the plants three or four feet apart each way. Where the vines are staked and trimmed they will fruit to a better advantage. Last season demonstrated the superior quality of Sure Success Tomato Seed. Our Customers were well satisfied both in the quantity produced and the price the extra quality of our stock obtained for their crop of Tomatoes.....



Trucker's Favorite.

Dwarf Champion—A purple fruited variety which forms very stout, strong plants about two feet high. The branches are short, making a bushy plant that stands quite erect. Fruit smooth, medium sized, color purplish pink, fairly solid, but has no hard core, and is of good flavor.....

5c. $\frac{1}{2}$ oz; 20c. oz; 75c. $\frac{1}{4}$ lb.

Stone—This is the heaviest and most solid fruited of the large tomatoes of good quality. Vines vigorous and productive. Fruit round apple-shaped very large, very deep red in color.....

5c. $\frac{1}{2}$ oz. 25c. oz; 75c. $\frac{1}{4}$ lb.

Ponderosa—In addition to its ponderous size it is also very solid, there being very few seeds in this Tomato. In color it is a beautiful crimson throughout.....

5c. $\frac{1}{2}$ oz; 25c. oz. \$1.00 $\frac{1}{4}$ lb.

Buckeye State—A late purple fruited variety, one of the best. The vine is exceptionally strong growing and vigorous. Fruit very large, round, and of good quality.....

5c. $\frac{1}{2}$ oz; 20c. oz; 75c. $\frac{1}{4}$ lb.

Yellow Pear Shape—Similar to the Red Pear Shaped, but of rich clear yellow color. 5c. $\frac{1}{2}$ oz; 20c. oz. 75c. lb.

Golden Queen—This fruit, though large, is as smooth and well-shaped as the best of the red variety and of a fine and distinct flavor.....

5c. $\frac{1}{2}$ oz; 20c. oz; 75c. 1 lb

Red Cherry—Small, round fruit, resembling cherries; used for preserves. 5c. $\frac{1}{2}$ oz. 20c. $\frac{1}{4}$ lb; 75c. lb.

TURNIP.

One ounce will sow a row 200 feet long.

Culture. Sow either broadcast or in drills two feet apart, rolling the ground after sowing. Thin out to six inches between the plants. Sow Spring or Fall.

Purple Top Milan. The earliest of the fall turnips, white with purple top. Small strap leaves; sweet and excellent quality

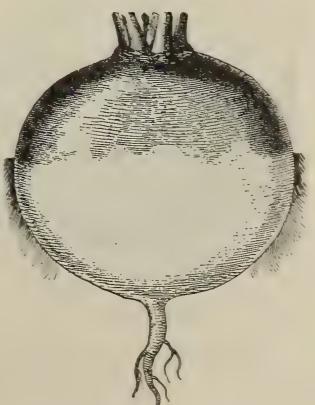
5c. $\frac{1}{2}$ oz.; 10c. oz.; 20c. $\frac{1}{4}$ lb.; 50c. lb.

Red or Purple top Strap-Leaf. An early, flat, white Turnip, with purple top; of excellent quality.....

5c. $\frac{1}{2}$ oz.; 10c. oz.; 20c. $\frac{1}{4}$ lb.; 50c. lb.

Purple Top White Globe. An early, large, globe-shaped variety; white flesh fine grained, tender and sweet, a fine table turnip and one of the best market sort.....

5c. $\frac{1}{2}$ oz.; 10c. oz.; 20c. $\frac{1}{4}$ lb.; 50c. lb.



RUTA BAGAS.

Improved Purple Top Yellow—A hardy and productive variety having but little neck. Flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly; color deep purple above and bright yellow under the ground; leaves small, light green.....

5c. $\frac{1}{2}$ oz. 10c. oz; 20c. $\frac{1}{4}$ lb; 50c. lb.

HERB SEEDS.

Culture—Sow early in April or May, in a sheltered, well prepared spot in the open ground, either broadcast or in shallow drills about seven inches apart. Thin out the plants thus raised and keep clear from weeds.

Anise—Biennial.....	5c. pkt; 15c. oz.
Balm, Sweet—Perennial 1 ft.....	5c. pkt; 30c. oz.
Basil, Sweet—Annual 1 ft.....	5c. pkt. 20c. oz.
Borage, Caraway—Perennial, 2 ft.....	5c. pkt. 15c. oz.
Dill—Biennial, 3 ft.....	5c. pkt. 10c. oz.
Fennel, Sweet—Perennial, 6ft.....	5c. pkt; 10c. oz.
Horehound—Perennial 2 ft.....	5c. pkt. 25c. oz.
Hyssop—Perennial, 3 ft.....	5c. pkt. 25c. oz.
Lavender—Perennial, 2 ft.....	5c. pkt. 20c. oz.
Rosemary—Perennial, 4 ft.....	5c. pkt; 30c. oz.
Saffron—Annual, 3 ft.....	5c. pkt. 10c. oz.
Sage—Annual, 1 ft.....	10c. oz; 50c. $\frac{1}{4}$ lb.
Summer Savory—Annual.....	5c. pkt. 20c. oz.
Sweet Marjoram—.....	5c. pkt; 20c. oz.
Thyme—Annual 1 ft.....	5c. pkt; 30c. oz.

HOW TO GROW MUSHROOMS.

A practical talk on how to raise them. 5c per copy.

SPAWN

20c. per brick, 15c per lb. The genuine imported English Spawn.

Plant Department.

Our specialty is strong transplanted, well rooted plants in a good growing condition. Plants that will not only grow, but produce good crops. Prices furnished on application. We carry the following plants in stock during the planting season.

VEGETABLE PLANTS

Asparagus Roots

Cauliflower.

Cabbage.

Celery.

Chives

Egg Plants.

Pepper.

Tomato.

Sweet Potato.

Rhubarb Roots.

Sure Success Clover and Grass Seeds.

Red Clover. The leading variety. Sow in early spring or early fall about 8 pounds or 10 pounds to the acre. Market price and sample on request. 20c lb.; 28c by mail.

Mammoth Red Clover. A rank grower, blossoms three weeks later than Red Clover. Valuable for plowing under as green manure. Sow same as Red Clover. Market price and sample on request. 20c lb.; 28c by mail.

Alsike Clover. Valuable for sowing with Red Clover and other grasses, as it forms a thick bottom, increases the yield of hay and lasts for years. Sow 6 pounds to the acre. 20c lb.; by mail 28c. Market prices and samples on request.

Bokhara Clover. (Sweet Clover). Rapid growing white flowering sort. It will grow in any kind of soil and being deep rooted remains green in the driest season. Excellent for pasture when young. Sow 15 lbs. to the acre. 20c lb.; by mail 28c.; 10 lbs. \$1.40.

Bokhara Clover, Yellow Flowered.—The Yellow Flowered Sweet Clover has been grown in Kentucky for a number of years, but we have been unable to secure reliable stock until this year. The Kentucky farmers claim that the Yellow Flowered Sweet Clover makes first class hay and excellent pasture for cattle and sheep. That the stock will leave everything else and hunt out the sweet clover. It will grow in any kind of soil, and being deep rooted remains green in the driest season, making good pasture when everything else is burned brown. As a fertilizer or soil enricher it has few equals. 20c. lb; by mail 28c. 10 lbs. for \$1.40.



Alsike Clover.

Crimson or Scarlet Clover—Annual grass 1 $\frac{1}{2}$ ft. to 2 ft. high, blooming in June. Make early spring pasture and for feeding as hay should be cut before coming into full bloom. Can be seeded at any time from June to October at the rate of 15 pounds to 20 pounds per acre. Excellent for turning under as a fertilizer. 15c lb. by mail 23c. Market price and sample on request.

CLOVER SEED—Continued.

White Dutch Clover—Best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow at the rate of 6 lbs. per acre..... 35c. lb. by mail 43c.
Market price and sample on request.

Alfalfa—This clover is no longer an experiment in our country as the many fine fields of Alfalfa in the vicinity of Cincinnati and on the neighboring Kentucky hills will evince. The land should be broken up as deeply as possible, sub-soiled where not liable to wash. Then harrow thoroughly getting the top soil as fine as possible. Sow good seed 20 pounds per acre broadcast. Then cover with a heavy roller to press the soil firmly around the seed. The best time for seeding is from the 15th of March to the 15th of April. American grown Seed is the best to sow as the imported seed often contains dodder and other weed seeds..... 25c. lb; by mail 33c.
Market price and sample on request.



Kentucky Blue Grass.

Perennial or English Rye Grass. Invaluable for lawns or pastures and essential for shady places. Also good variety for hay if cut when in bloom..... 15c lb.; by mail 23c.

Market price and sample on request.

Red Top Grass. Valuable for lawns, permanent pastures, or mixed meadows. Fancy pure seed..... 20c lb.; by mail 28c.

Market price and sample on request.

Rhode Island Bent. A good grass for pastures and lawns. 30c lb.; by mail 38c.

Market price and sample on request.

Wood Meadow Grass. Excellent for lawns particularly for under trees and will form a fine sod where few other grasses can exist..... 65c lb.; by mail 73c.

Market price on request.

Timothy. The best grass known for hay making purposes. It is temporary lasting for only a few years, but one of the best for meadows..... 15c lb.; by mail 23c.

Market price and sample on request.



Canada Field Peas.

Miscellaneous Farm Seeds.



WOOD MEADOW GRASS.

Market Price on Application.

Buckwheat Japanese. Earlier and more productive than any other variety. The grains are larger and of rich brown color..... 40c pk.

Cowpeas Whip-Poor-Will. An early variety, tall, upright, medium yield of vines, large yield of peas..... 10c qt.; 25c postpaid; 65c pk.

Cowpeas Clay. Large yield of vines and peas but require a long season. Fine for summer pasture or to turn under green for soil.

10c qt.; 25c. postpaid; 65c. pk.

Canada Field Peas. For fodder, in mixture with oats, sow at the rate of 2 bu. per acre or sow alone at the rate of 3 bu. per acre, for plowing under..... 50c per pk

Cane Early Amber. An early variety, making the finest quality of both sugar and syrup. Plant in drills $\frac{3}{4}$ to 1 bu. broadcast, 1 to $1\frac{1}{2}$ bu. to the acre. 5c lb.; 10 lbs. 40c.

Early Orange Cane. A strong grower with heavier stalk, juicier and a little later than Amber..... 5c lb.; 40c 10 lbs.

Millet Southern German. Sow 1 bu. to the acre from May to July and cut while it is in bloom before the seed hardens in the head. Yields an enormous quantity of nutritious feed..... 10c qt.; 25c by mail; 45c pk.

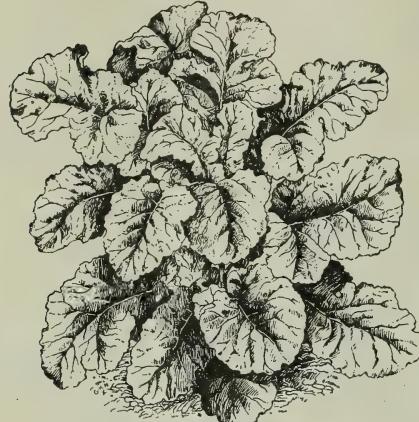
MISCELLANEOUS FARM SEEDS—Continued.

Millet Hungarian. Sow from May to July one bushel to the acre. Makes an excellent hay.

10c qt.; 25c by mail; 45c pk.

Millet Japanese Barnyard. Sow in drills 3 lbs. to the acre. Grows 6 to 8 ft. high and produces 12 to 30 ton per acre.....10c lb.; 75c 10 lbs.

Oats Big 4. Very heavy yilder with stiff straw. Broadcast 2 to 3 bu. to the acre. Market price 5c qt.; by mail 15c.



DWARF ESSEX RAPE.

Rape Dwarf Essex. Can be sown in April for an early crop, and for fall crop in July, August and September. If sown broadcast, 6 lbs. to the acre but is better drilled. In this case use 3 lbs. to the acre. Sheep, Hogs or Cattle can be grazed on it a few weeks after sowing.

10c lb.; 85c 10 lbs.

White Kaffir Corn. Grows 4 to 5 feet high, stalky stems, with enormous wide leaves. Makes excellent fodder either green or dried. Seed heads form at the top of each stalk. For the corn sow in rows 3 ft. apart, 3 to 5 lbs. of seed to the acre. For fodder, 25 to 50 lbs. either broadcast or drilled.....5c lb.; 30c 10 lbs.

Barley, Wheat and Rye. Prices and samples on request.

Genuine Red River Dakota Stock Ohio Seed Potatoes. Absolutely best potato for our market.

Vetches. Sand, Winter or Hairy. (Vicia Villosa) Thrives on poor, arid sandy soils. Is sown either in fall or spring, and generally mixed with rye as a support to the plants. Grows to a height of from three to four feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy, and the produce is recommended as most nutritious. Should be sown at the rate of 1 1/2 bushels to the acre.....15c. lb; 15 lbs. for \$1.50; (bu. 60 lbs. \$6.00).

SEED CORN.

Prices subject to market changes. Seamless Bags holding 2 bushels, 20c. extra

Our seed corn has been grown for us by specialists in Ohio and Indiana for seed, and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre. Prices quoted by express or freight, not prepaid.

Peerless. (White) The best White Dent corn. If planted early say May 10th to 20th, it will come nearer making a crop of corn without rain than any other known variety. Makes a wonderful growth as far south as Georgia. In fact, it will mature in any corn country. It grows a strong vigorous, deep-rooted stalk, stands up well and in strong land and good season will make from 100 to 125 bushels per acre. Ears 10 to 12 inches long—well filled at tip and butt.....45c. pk., \$1.40 bu.

Golden Beauty. Beautiful golden color, strong grower, of remarkable size. The rows are straight and filled out to the extreme end of the cob. Ripens in 110 to 120 days.....40c. pk., \$1.25 bu.

Leaming Yellow. Ears of good size, cob red and small. A strong grower and very prolific, 35c pk.; \$1.25 bu.

Red Cob Ensilage. A southern type of large white corn, with deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers....\$1.10 bu.

Sugar Corn for Ensilage. There is nothing better for green feed or curing for winter than sweet corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Also excellent for soiling. Sow thickly in drills or broadcast at the rate of two to three bushels per acre....50c. pk; \$1.75 bu.

Flower Seed Department.



Planted With Sure Success Seeds, Plants and Bulbs.
One of the "Beauty Spots" of Mr. Nichols' Place.

Read our cultural directions. Avoid deep planting, Over-watering, under-watering or sowing too thickly.

Directions for planting are printed on each packet. These should be carefully observed. We deliver all flower seed free by mail on receipt of price. Order by number, it will save you writing the name in full.

AGERATUM.

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; blooming the whole summer. Easily raised from seed, which should be sown in March, or earlier, in a hotbed or window, and transferred to the open ground in June; also good for winter blooming, of easy culture, succeeding in any soil. Half-hardy annuals.

1. **Blue Perfection.** Dwarf, compact growth; large dark blue flowers. 5c pkt.

ALYSSUM.

One of the sweetest and most useful summer flowers. It may be used for edgings, rock work, hanging baskets, etc. Continues in bloom the entire season. Hardy annual.

2. **Sweet.** Flowers pure white. 5c pkt.

3. **Little Gem.** Dwarf, compact habit, 3 to 4 inches high; excellent for edging; white flowers. 5c pkt. **Alyssum. Little Gem.**



Asparagus Sprengerii.

4. The fronds frequently grow four feet long and are now considered indispensable in all fine decorations; grows readily from seed. 10c pkt.



Aster.

ASTERS.

5. **Queen of the Market.** A profuse-blooming class coming into bloom three or four weeks before other sorts. Extensively grown by florists for early cutting; 1 to 1½ ft. Crimson, dark blue, light blue, rose, white and mixed.....5c pkt.

6. **Branching.** Beautiful Asters for cut-flowers. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are large double, with graceful, wavy petals, borne on long, stiff stems, and the colors are clear and handsome. Late flowering. Excellent for cutting; 2 ft. Carmine, pink, lavender, purple, white and mixed. 10c pkt.

7. **Vick's Imperial Daybreak.** Not exactly new but one of those rare gems that have come to stay. Makes a symmetrical growth about 18 inches high, and produces during August the most beautiful flowers. These are round as a ball, very large and full, borne upright on long stiff stems. The color is a delicate sea-shell pink, and the flowers are produced in great abundance.....15c pkt.

BACHELOR'S BUTTON.

8. **Bachelor's Button.** They are favorites in all sections of the country, and are much in demand as cut-flowers; **finest mixed**, all colors. 20c oz.; 5c pkt.

9. **Emperor William.** Finest dark blue.....20c oz.; 5c pkt.

BALSAM.

(Lady Slipper or Touch-me-not)

10. One of the oldest and best known summer-blooming annuals of easy culture. Desirable for garden or pot culture. The soil should be of the richest and best quality. Set them about fifteen inches apart and give them plenty of manure-water. Tender Annuals 2 ft.....5c. pkt.

BALSAM APPLE AND PEAR.

Very curious trailing vines with ornamental foliage; fruit golden yellow, warted, and, when ripe, opens, showing the seeds and its brilliant carmine interior; fine for rock work, stumps, etc. Half hard annual; 10 ft.

11. **Balsamina.** (Balsam Apple).....5c. pkt.
12. **Charantia.** (Balsam Pear).....5c. pkt.

BALOON VINE.

13. **Baloon Vine.** A rapid growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. Love in-a-Puff. 5 ft.....5c. pkt.

CALLIOPSIS or COREOPSIS.

Showy and beautiful free-flowering plants, blooming all summer and excellent for cutting; 1 ½ to 2 ft.

14. **Finest Mixed.** All colors mixed, hardy Annual.....5c. pkt.

15. **Lanceolata Grandiflora.** One of the finest hardy garden plants, forming large clumps, grows 2 to 3 ft. high. It flowers the first season from seed sown early. It produces long stemmed, rich yellow flowers, flowering in profusion for a long period during the summer, unequalled for a cutting; grows anywhere. Hardy perennial. 10c. pkt.

CANDYTUFT.

Universally known and cultivated and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April flowers from July until frost comes. Hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. Hardy annual.

16. **Finest Mixed.** All colors.....20c. oz; 5c. pkt.

17. **Empress.** The finest of all the white varieties, being a complete mass of pure white flowers in a pyramid of bloom.....5c. pkt.

CANNA—INDIAN SHOT PLANT.

Highly ornamental plants, producing a rich effect by their large, broad and massive foliage and spikes of brilliant flowers. Soak the seeds 12 hours in hot water before planting; sow in sandy loam or peat, and place in a hot-bed when up to the second leaf, pot off singly and keep under glass until the proper season for planting out. Half-hardy perennial.

18. **Crozy's New Large-Flowering Dwarf French.** Comprising all the newest and most beautiful varieties.....40c. oz.; 5c. pkt.

CAMPANULA.

Well-known, beautiful, hardy herbaceous perennial, bearing a great profusion of attractive bell-flowers thriving best in light soil; some of the varieties flower the first season if planted early.

19. **Calycanthema**—(Cup and Saucer). A fine variety producing white, blue and rose-colored flowers resembling a cup and saucer.....5c. pkt.

20. **Canterbury Bells.** All colors.....5c. pkt.



Canterbury Bells.



Carnation Marguerite Giant.

Carnation.

(Dianthus Caryophyllus.)

The splendid Carnation of the florist is a very interesting plant to grow from seed. Sow under glass in early spring, or later in the open ground, the plants will flower finely the second summer. For largest, richest flowers we recommend their culture in pots of rich soil, but with many they are also garden varieties, and grown in this way flowers of good quality may be enjoyed all summer if given plenty of water. Good soil and a mulch about their roots. Young plants are hardy outdoors, but when two or three years old they are injured by winter cold, so that sowing should be made every year.

21. **Marguerite Giant.** An improved strain, producing flowers of immense size, frequently measuring $2\frac{1}{2}$ to 3 inches across; strong, vigorous growers and very free flowering; finest mixed. 5c pkt.

CASTOR BEAN—*Ricinus*.

Highly ornamental and stately growing plants of tropical origin, with luxuriant foliage and brilliant fruit colored. When grown on lawns or in the garden as single specimens they form a magnificent showy plant, height, 4 to 10 ft. Start seed in pots, in March, and transplant as soon as the ground is warm. Half-hardy annuals.

22. **Zanzibariensis.** An entirely new and distinct class of these handsome ornamental plants, which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. As single specimens on the lawn or in large groups they are very effective. 15c oz.; 5c pkt.

23. **Finest Mixed.** All varieties. 15c oz.; 5c pkt.

24. **Gibson.** Dwarf branching habit, beautiful deep red foliage. 5c pkt.; 15c oz.



Chrysanthemum Annual.

Showy and effective garden favorite, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering varieties. 5c pkt.

25. **Single Mixed.** 5c pkt.

26. **Double Mixed.** 5c pkt.

Cockscomb

Free-blooming, graceful plants, growing best in rather light soil, not too rich, producing spikes of beautiful feathery and comb-shaped flowers; grown in pots, they are fine for the conservatory or greenhouse. The plumed varieties are fine for cutting and drying for winter bouquets, which should be done when they are in full bloom, and before they fade. Half-hardy annuals.

27. **Empress.** Combs of immense size, rich crimson color. This will both surprise and delight you. The dark foliage makes it a most attractive plant. 15c pkt.

28. **Thompson's Magnificent.** This will be a valuable addition to your flower garden. Of pyramidal growth, a little more than two feet high, it produces an abundance of graceful feathery plumes, which vary in shade from the clearest yellow to the darkest blood red. 15c pkt.

Cockscomb. Thompson's Magnificent. feathered spikes; $1\frac{1}{2}$ ft. 5c pkt.

29. **Cristata.** Immense showy dark crimson combs. 5c pkt.

30. **Plumosa, Finest Mixed.** Charming annual, with magnificent

5c pkt.



COSMOS.

33. **Monster Hybrids.** The flowers of this strain are of immense size and produced in great diversity of form and color. Finest mixed.....10c pkt.

34. **Early Flowering.** Finest mixed. Superb mixture in every shade from pure white to crimson, and in great variety of forms. Immense flowers, 4 to 5 inches in diameter.....5c pkt.

CYPRESS VINE.

(Ipomea Quamoclit.)

35. One of the most popular vines, with delicate fern like foliage, and masses of beautiful small star-shaped flowers. Half-hardy annual; 15 ft. Scarlet, white and mixed colors.....5c pkt.

DAHLIA.

One of our best autumn flowering plants, blooms until killed by frost; tuberous-rooted half-hardy perennials, blooming the first year from seed, if sown early. Protect the roots during winter in a dry cellar in sand; 2 to 6 feet.

36. **Double Large Flowered.** Saved from the best double largest flowered sort.....10c pkt.; 3 pkts. 25c.

DOUBLE DAISY.

A favorite nearly hardy perennial plant in bloom from April to June. The seed we offer is saved from the finest double varieties. Easily raised from seed sown in the spring; 4 inches.

37. **Longfellow.** Beautiful large double dark pink flowers. 5c pkt.

38. **Snowball.** A large and very double pure, white Daisy.

The flowers are borne on long stems, and are excellent for cutting..5c pkt.



GLOBE FLOWER.

COLUMBINE.

(Aquilegia.)

Every well regulated garden has a space devoted to hardy perennials, and no bed of perennials would be complete without a due proportion of Columbines. They are of the easiest culture, and when once established will furnish for many years a magnificent display of the handsomest flowers each spring and summer. The beds should be kept clear of weeds and given each year a liberal dressing of well-rotted manure. Hardy, herbaceous perennials; 2 to 3 ft. high.

31. **Single Mixed.** A magnificent collection.....5c pkt.

32. **Double Mixed.** Embraces every color.....5c pkt.

COSMOS.

Beautiful autumn-blooming plants. The flowers are borne profusely on long stems, and present a charming appearance when the plants are in full bloom. Should be sown in spring, in the open ground, when danger of frost is past, or the seed may be started under cover and afterward transplanted. It is of the easiest culture, planted about 18 inches apart in rows, or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth, and this should be continued until about the middle of July, when the same should have formed nice bushy plants 3 feet high by the same in diameter. They produce from September until cut down by frost, thousands of beautiful flowers, furnishing an abundance of cut blooms for autumn decoration when other flowers are scarce.



DOUBLE DAISY.

ESCHSCHOLTZIA.

(California Poppy.)

A showy and profuse-flowering variety of plants, with rich beautiful colors. Delights in a rich soil. Very attractive for beds, edging or massing. Hardy annuals; 1 ft.

39. **Golden West.** The flowers measure from 3 to 6 inches in diameter; they have large, overlapping petals, often daintily waved on the edges. Color light canary-yellow, with an orange blotch at the base of the petals, which often suffuses almost the whole flower.....5c pkt.

EVERLASTING FLOWERS.

40. **Globe Flower.** (Acrocllinum). A pretty annual "Everlasting" growing about 15 inches high, bearing lovely white or rosy pink flowers, which when cut in the bud state, can be dried and used in winter bouquets.

Mixed.....15c $\frac{1}{4}$ oz.; 5c pkt.

41. **Straw Flower.** (Helichrysum). One of the best of "Everlasting" flowers, extremely effective double flowers, making a fine display in beds or borders; hardy annuals succeeding in any rich garden soil; 2 ft. 20c $\frac{1}{4}$ oz.; 5c pkt.

FOR-GET-ME-NOT—*Myosotis*.

One of the most popular and charming little plants, with small white and blue star-like flowers in profusion. Blooms the first year from seed, if sown early. Succeed best in a moist and shady situation. Half-hardy perennial.

42. Alpestris. Of bushy habit, bearing large, white and bright azure-blue flowers, very fine 5c. pkt.

FOUR O'CLOCK.

(Marvel of Peru)

43 The well known Four O'Clocks. A handsome free-flowering garden favorite. Half hardy perennial, blooming the first season from seed. Finest mixed, beautiful colors. 2 ft. 15c. oz.; 5c. pkt.

FOXGLOVE.

44 A handsome and highly ornamental hardy perennial plant of stately growth, fine for shrubberies and half-shady places; 3 ft. 5c. pkt.

GAILLARDIA.

Splendid showy plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November. Excellent for beds, borders, or for cutting. Annuals and perennials; 1 1/2 ft.

45 Finest Mixed. All colors. 5c. pkt.

GERANIUM.

Although perennials, they will produce nice bushy plants and flowers from seed sown the same season. The heads of gorgeous flowers, of many shades of color, borne continuously, render this one of the most popular plants grown, either for pot culture in winter or for bedding out in summer.

46 Large Flowering Mixed. From new varieties 10c. pkt.

GOURDS.

A tribe of climbers with curiously shaped fruit, in various colors. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. The foliage is quite ornamental, and the marking of some of the fruit quite extraordinary. Do not plant the seed until all danger of frost is over, and select rich mellow ground. Tender annual climbers; 10 to 20 feet high.

47 Dipper	25c. oz; 5c. pkt.
48 Hercules Club —4ft. long.....	25c. oz; 5c. pkt.
49 Nest Egg —White, shaped like egg.....	25c. oz; 5c. pkt.
50 Bottle. Shaped.....	25c. oz; 5c. pkt.
51 Turk's Turban —Red striped.....	25c. oz; 5c. pkt.
52 Dish-rag	25c. oz; 5c. pkt.
53 Mixed. All varieties.....	20c. oz; 5c. pkt.

HELIOTROPE.

A half hardy perennial flowering the whole season. Its delightful perfume makes it a desirable bouquet flower, a splendid bedding plant, or can be trained as a green house climber. Seed sown in the spring will make fine plants for summer blooming.

54 Giant. Of robust growth and producing heads of flowers double the size of the old sort 5c. pkt.

HOLLYHOCK.

For planting in rows or groups on the lawn, or for interspersing among the shrubbery they are invaluable. The flowers form perfect rosettes of lovely color. It is not surprising that this old favorite should again become popular, for by careful selection the flowers have been much improved. The hollyhock requires a rich, deep soil, well drained, and will repay, in quantity and elegance of bloom, any extra care. A slight protection during winter will be beneficial. Seed sown during the summer makes strong blooming plants for the following year.

55. Double Mixed 5c. pkt.

HUMULUS.

(Japanese Hop.)

Annual climbing hop, of rapid growth, valuable for covering trellises and verandas. Tender annual.

56. Japan Hop Variegated. The leaves are beautifully variegated with silver, light and dark green. Is not affected by the heat or injured by insects, but retains its bright foliage until frost. 5c. pkt.



Japan Hop Variegated.



Dwarf Daylight.

HYACINTH BEAN.

(Dolichos.)

A rapid-growing annual climber, flowering freely in clusters, followed by ornamental seed pods, for covering arbors, trellises, etc. Sow the seed in the garden in April or May where they are to remain; 10 ft.

57. **Daylight.** Comes from Japan. Is covered with snow white, pea shaped blossoms from June until late fall. The foliage is not affected by insect pests..... 25c oz.; 5c pkt.

58. **Darkness.** Same as daylight, except in color, which is rich purple violet. 25c oz.; 5c pkt.

59. **Dwarf Daylight.** A dwarf form of Dolichos Daylight growing about 2 feet high. Of perfect bush form, covered with snow-white pea shaped blossoms, on a back-ground of bright green heart shaped leaves. It retains all the beauty of its bloom and verdure until cut off by frost. A splendid annual for bedding, responding immensely to the slightest care. 10c pkt.

"JOSEPH'S COAT."

—Amaranthus Tricolor—

60. A fine annual growing 3 feet high. The red, yellow and green colored leaves make a brilliant appearance in the center of a bed or in a border of tall plants..... 5c. pkt.

LARKSPUR PERENNIAL.

—Delphinium—

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they will bloom the first year from seed. Hardy perennials.

61. **Chinese.** A distinct and neat variety, growing about 18 inches high, with fine feathery foliage and producing freely spikes of large blossoms varying in color through all the delicate shades of blue..... 5c. pkt.

62. **Elatum.** (Bee Larkspur.) Rich deep blue, very free blooming; 4 ft..... 5c. pkt.

63. **Formosum.** Beautiful spikes of rich, blue flowers, with a white center; 2 1/2 ft..... 5c. pkt.

LOBELIA.

64. A charming dwarf-plant, admirably adapted for beds, edgings and rock-work. Their delicate drooping foliage and pretty little blue and white flowers render them very attractive in pots or hanging baskets. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in autumn. Mixed..... 5c. pkt.

MARIGOLD.

A well-known half-hardy annual of easy culture, with rich and beautiful varied colored flowers. The African is the tallest and most striking in large beds, while the French are admirably adapted for small beds, or a foreground to the taller plants.

65. **African El Dorado.** Flowers very large, imbricated and extremely double; colors all shades of yellow; 3 ft..... 5c. pkt.

66. **French Legion of Honor.** Single dwarf Marigold forming compact bushes. Flowers golden yellow and brown; blossoms in great profusion. 5c. pkt.

67. **Prince of Orange.** This variety surpasses in beauty the well known Calendula Meteor. The stripes around each petal are of a deep orange color, making a brilliant appearance..... 5c. pkt.



MIGNONETTE.

(Reseda.)

A well-known hardy annual, producing dense semi-globular heads of exceedingly fragrant flowers, borne on spikes, from 3 to 6 inches long. If the plants are thinned out they will grow stronger and produce larger spikes of flowers. Fine for pot or garden culture, and can be had the whole year around by sowing at intervals. Annual.

68. **Odorata Grandiflora.** Large-flowering, fragrant..... 15c oz.; 5c pkt.

MOON FLOWER.

69. One of the most vigorous of all the summer climbers. Will grow 30 to 40 feet in a single season and be covered with its large white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell; and the seed planted about one inch deep in moist soil in a box or pan and set in a warm place. Place outdoors in a sunny situation when danger of frost is past. Water freely throughout the summer..... 5c. pkt.



Nasturtiums.

MORNING GLORY.

A handsome showy climber of easy culture. It is so perfectly hardy as to grow in almost any soil, but will bloom earlier if in poor soil. Hardy annual; 10 feet high.

70. Giant Japanese Mixed. Produces flowers of immense size and almost endless variety of color and markings. The plants do not always produce flowers exactly like those from which the seed came and often give different colored blossoms at different times, so we only offer the seed in mixture..... 5c pkt.

NASTURTIUM.

71. Dwarf. A bed of dwarf Nasturtiums in the yard is very brilliant and attractive, blooming all the season. Hardy annual, about 1 ft. high. 5c pkt.; 25c $\frac{1}{4}$ lb.; 40c $\frac{1}{2}$ lb.; 75c lb.

72. Tall. Differs from the common running Nasturtium in being less rank growing, more floriferous, and having richer, more varied colored flowers of many shades, from the richest scarlet to very deep maroon. Fine for covering arbors, trellises and rustic work. Half-hardy annual about 10 feet high..... 5c pkt.; 25c $\frac{1}{4}$ lb.; 40c $\frac{1}{2}$ lb.; 75c lb.

73. Nasturtium Ivy Leaf Climbing. A beautiful class of these charming flowers, with deep green ivy-like foliage and a wonderful variety of bright colors in the distinct fringed flowers. You had better get a package of this and astonish your neighbors..... 10c pkt.; 20c oz.; 75c $\frac{1}{4}$ lb.

MOUNING BRIDE.

Or Sweet Scabious. One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. Hardy annual.

74. Finest Mixed. Large double flowers in choice variety of colors..... 30c oz.; 5c pkt.

PANSY.

This attractive plant is too well known to require description, as it is a favorite with all. The seed can be sown from September to March. The best plants are obtained from seed sown in the autumn and protected during the winter. These flower early in the spring. The plants from spring sowing should be planted in a shady border. They produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure. Hardy perennial; 6 inch.

75. Fine Mixed. A superior mixture, selected from choice large flower strains of English, French and German growers..... 5c pkt.

76. Sure Success Mixture. Whether you are a florist or an amateur gardener, this mixture will more than satisfy you. We have taken a number of the very best stocks of English, French and German growers and **we have mixed this lot ourselves.** You will have a good assortment of colors and markings that will be unsurpassed by any seedsman's best. The colors range from the lightest shades to the darkest, embracing every possible combination in colors. As the mixture is made from "show" strains of the best growers the flowers will be of the largest size..... 15c pkt.



PETUNIA.

For outdoor decorations or house culture few plants are equal to this class. They commence flowering early and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring a rich soil and a sunny situation. There are two distinct kinds of single Petunias, the Grandiflora sorts, with large flowers, and the small flowered section, which gives abundance of bloom. Annuals.

77. Fine Mixed. 5c pkt.

78. Grandiflora Mixed. This mixture is made by ourselves, and includes, besides the California Giants, all the colors of the large flowering and fringed sorts, and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors and their truly mammoth flowers..... 15c. pkt.

PHLOX DRUMMONDII.

The annual Phloxes are dazzling in effect, particularly so when sown in masses or ribbon beds of contrasting colors. Few flowers are so easy to grow from seed, so pretty and compact in habit, so quick to bloom, or give such a brilliant display of color for so little of cost and care. The first sowing should be as soon as the frost is out of the ground in spring; later ones in May, either where the plants are to bloom, or in a seed bed, as the Phlox transplants readily. Cutting away the flowers makes the plants more bushy and compact and lengthens their blooming time. Average height 1 foot.

79. Drummondii. They produce trusses of brilliant flowers of numberless hues. Finest mixed..... 50c. oz. 5c. pkt.

PANSY—Sure Success Mixture.

PINKS.

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom; highly valued for cutting. The hardy biennials, or Chinese and Japanese varieties bloom the first season, the same as hardy annuals; height 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or green house.

DOUBLE ANNUAL VARIETIES.

80	Chinensis Fl. Pl. (Chinese Pink) Double finest mixed.....	5c. pkt.
81	Lacinatus. A beautiful single fringed variety, 2 to 3 inches in diameter; mixed colors	5c. pkt.
82	Fireball. A dwarf variety, producing globular, double, dark red flowers; extra fine for bedding	25c. $\frac{1}{4}$ oz. 5c. pkt.
83	Eastern Queen. Rose colored, variegated, single flowers.....	25c. $\frac{1}{4}$ oz. 5c. pkt.

HARDY PERENNIAL VARIETIES.

These hardy varieties are well adapted for beds and borders, delightfully sweet-scented; should be in every garden where cut-flowers are wanted.

84	Plumarius Fl. Pl. Double and semi-double varieties in beautiful colors.....	10c pkt.
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TULIP POPPY.

POPPIES.

Very showy, free-blooming and easily cultivated plants, with large brilliant colored flowers, growing freely in any garden soil and producing a fine effect in large clumps or mixed beds. A great advance has been made in recent years in the development of the Poppy, which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period. Sow early in the spring where they are to remain, as they will not bear transplanting.

85.	Carnation-Flowered. Large showy fringed flowers; mixed colors.....	20c oz.; 5c pkt.
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86.	Shirley. A beautiful strain. The flowers are all gracefully elegant, and the colors remarkably bright, pure and varied.....	50c oz.; 5c pkt.
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87.	Tulip. A magnificent variety. The plants grow about 14 inches high, each plant producing 50 to 60 vivid scarlet flowers. The two outer petals form a saucer, surrounding two erect petals, giving the very handsome appearance of scarlet Tulips.....	60c oz.; 5c pkt.
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HARDY PERENNIAL VARIETIES.

88.	Oriental. Very large, scarlet, with blotch on each petal; magnificent border plant; 3 ft.....	5c pkt.
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PORTULACA.

One of the finest hardy annual plants, of easy culture, thriving best in a rich, light loam or sandy soil and luxuriating in an exposed sunny situation. The flowers are of the richest shades of color, and produce throughout the summer in great profusion. Fine for massing in beds, edgings or rock-work, 6 in.

89.	Single Finest Mixed. Large flowering sorts in splendid colors.....	40c oz.; 5c pkt.
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90.	Double Finest Mixed. Superb large double flowers in great variety.....	75c $\frac{1}{4}$ oz.; 10c pkt.
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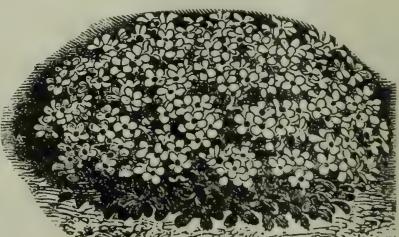
PRIMULA.

This charming and beautiful flowering plant is indispensable for or spring winter decorations in the home or conservatory. It is one of the most important of winter blooming pot plants. The collections here offered contain the finest varieties grown. A cool place suits them best. The seed should be sown in light soil, but for final potting a richer soil is necessary, consisting of two parts loam to one of each well-decayed manure and leaf-mould. They require to be well ventilated, well watered and slightly shaded throughout the summer.

91.	Primula Chinensis Fimbriata. Choicest mixed. This mixture contains nothing but the finest sorts.....	20c pkt.
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ROCK CRESS.

92.	(Arabis Alpina). The earliest, prettiest spring flower. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edgings; withstands the drought and is always neat and pretty. 6 inches high.....	5c pkt.
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ARABIS ALPINA.

RUDBECKIA. (Cone Flower.)

93.	Bicolor Superba. Fine free flowering annual variety, growing about 2 feet high, forming a dense bush, and producing in great abundance on long stems, its bright golden yellow flowers with velvety-brown spots at base.
	10c pkt.

SALPIGLOSSIS.

94. One of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful almost orchid-like flowers, which it produces from early summer till late fall.....5c pkt.

SALVIA—Flowering Sage.

One of the handsomest and most showy summer and autumn flowering plants, forming compact bushes, which are literally ablaze with brilliant flowers. Tender perennials, but bloom first season from seed; 2 to 3 ft.

95. *Splendens*. One of the finest summer and fall plants, with magnificent brilliant scarlet flowers; 2 ft.....50c $\frac{1}{4}$ oz.; 5c pkt.

96. *Fireball*. One of the finest, growing in a compact bush about 2 feet high by two feet in diameter. Its erect spikes of flowers of brilliant scarlet stand clear above the dark green foliage and completely cover the plant. 75c $\frac{1}{4}$ oz.; 10c pkt.



Salpiglossis.

SNAPDRAGON. (Antirrhinum).

97. An old border plant with dark and glossy leaves and long spikes of curiously shaped, brilliant colored flowers, having finely marked throats. Bloom the first season from seed sown in spring, especially under frames, and transplanted produce blooming plants the same season. Tender perennial $1\frac{1}{2}$ to 2 feet high; mixed.....5c pkt.



SUNFLOWER MINIATURE.

STOCK—Cut and Come Again.

The Stocks, though not thriving so well in America as they do in England, are indispensable where a fine display of flowers is wanted. To such perfection has selection brought them that good seed will give a large proportion of exceedingly double flowers. Average height, $1\frac{1}{2}$ ft.

98. *Princess Alice*. Beautiful large spikes, excellent and popular variety for cutting.....5c pkt.

SUNFLOWER.

Remarkable for the stately growth, size and brilliancy of their flowers. It is also raised as an absorbent of miasma in damp or ill-drained situations, thus preventing fevers. The seed is good for feeding poultry. Hardy annuals,

99. *Miniature*. (Cucumerifolius). Small single, rich yellow flowers. An abundant bloomer; 4 ft.....15c $\frac{1}{4}$ oz.; 5c pkt.

100. *Globe*. (Globosus Fistulosus). Also known as Dahlia summer flower, large double blooms of a rich saffron color; 6 ft.....25c oz.; 5c pkt.

SWEET PEAS.

Culture. Early in spring make a trench about 4 inches deep in rich mellow soil, so arranged that no water can stand in it, and plant the seed in the bottom, covering no more than 2 inches. Sweet Peas, particularly the white seeded sorts, are often a little difficult to start. If the soil is too dry they will remain a long time without germinating; if it is too wet and cold they will not sprout at all. In soils at all heavy, or composed largely of clay, put about one inch of sand in the bottom of the trench and sow the seed on this covering with more sand. Cover the row with a board to shed the rain and protect the soil from the hot sun, but remove this as soon as the young plants appear. When the plants are about five inches high gradually fill up the trench and furnish some support for the vines to run upon. The blooms should be picked before they form pods, or the plants will soon stop flowering.

101. *Helen Lewis*. One of the best of the Countess Spencer type. Very large open form, wavy edges; standard crimson orange, wings orange rose. 10c pkt.; 20c. oz.; 50c $\frac{1}{4}$ lb.

102. *John Ingman*—Rose Carmine, showing veins of deeper shade; large size, open form, with wavy edges.....10c. pkt.; 20c. oz.; 50c. $\frac{1}{4}$ lb.

103. *Blanche Ferry*—Standard medium sized, fine form and bright pink color; wings large, round and nearly white. 5c, $\frac{1}{2}$ oz. pkt.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 75c. lb.

104. *Blanche Burpee*—A splendid pure white variety. While not so profuse a bloomer or as hardy a plant as the Emily Henderson, the flowers are fine.....5c. $\frac{1}{2}$ oz. pkt.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 75c. lb.

105. *Mont Blanc*. This variety originated in the extra Early Blanche Ferry, and, like that sort, the vine is of dwarf, slender, very graceful habit with narrow and leaves. Flowers of good form and size, and very clear white color. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.



Sweet Peas.

SWEET PEAS.—Continued.

106 **Lovely.** Flowers very large, fine form. A delicate shell pink tinged with yellow, often four flowers on a stem. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

107 **Katherine Tracy.** The color is a soft but brilliant pink in wings and standard. Plants vigorous and give profusion of flowers, which continue large and fine until the end of the season. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

108 **King Edward VII.** A new bright crimson scarlet of largest size; open form well expanded, round standard. One of the very best. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

109 **Lady Grisel Hamilton.** A large flower, similar in color to Countess of Radnor, but nearer blue. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

110 **Navy Blue.** A true blue quite distinct. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.

111 **Salopian.** A very beautiful sort. Deep scarlet or cardinal. 5c. $\frac{1}{2}$ oz. pkt; 10c. oz; 25c. $\frac{1}{4}$ lb; 75c. lb.



Sweet William.

116. **Double Everblooming Sweet William.** A cross between China pink and Sweet William combining the free and continuous blooming qualities of the former with hardiness of the latter. While it is perennial, it blooms freely from seed the first year and its intense velvety crimson-scarlet blooms will make many handsome bouquets. 10c. pkt.

VERBENA.

Nothing is easier to grow, and the display they give during the summer is equalled only by the Phlox. To have the best results seeds should be started early (in the house) and the young plants bedded out by the first of June. Set them a foot or more apart, and in a month, at least, they will be so grown and matted together that one can hardly tell one plant from another. A circular raised mound is a very good place on which to plant Verbenas. The bed should have the full sun and a good supply of water.

117. **Mammoth Mixed.** The average trusses measure four inches in circumference, and the individual florets on properly grown plants over one inch across. They bloom freely, are vigorous in growth, and contain all the beautiful new colors and shades. 10c. pkt.; \$1.50 oz.

VINCA.

(Madagascar Periwinkle.)

Ornamental free-blooming plants, and one of the most satisfactory bedding plants we have. They flower from seed the first season, continuing until frost, or they may be potted and kept in bloom through the winter. A fine cut flower. 2 feet.

118 **Finest Mixed.** All colors. 5c. pkt. 75c. oz.

VIOLET.

A great favorite, suitable for groups or borders, and much in demand on account of its profusion of bloom and delightful fragrance. Violet seeds germinate very slowly. Hardy perennials

119 **Finest Mixed** All varieties, mixed. 10c. pkt; 3 pkts. 25c.

ZINNIA.

The double Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground. Half hardy annuals

120 **Mammoth.** The plant forms a handsome bush, two feet high, and the mammoth, perfectly formed double flowers, measuring 5 to 6 inches across, of most intense and brilliant colors, comprising new and rich hues. 5c. pkt.

121 **Zinnias Crested Giants.** This curious but beautiful strain has petals twisted, curled, and crested into the most fantastic and graceful forms. The colors comprise all the beautiful shades characteristic of the Zinnia. 10c. pkt.

WILD FLOWER GARDEN.

122 **Twenty varieties annuals mixed.** 5c. pkt.



DOUBLE EVERBLOOMING SWEET WILLIAM.

SUMMER FLOWERING BULBS.



Amorphophallus Riveri.

Amorphophallus Riveri.—Snake Plant. A handsome plant for growing as a single specimen or in groups. Plant in a sunny situation in May in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic, black Calla Lily. This is soon followed by the massive tropical looking leaves, supported by thick, beautifully marbled stems. Extra large bulbs. 35c each.

SELECTED DAHLIAS.

We offer the following varieties, true to name, strong, well ripened, field grown clumps.

Variety.	Class	Color.
A. D. Livoni,	Show	Clear soft pink.
Arabella,	"	Primrose, edged pink.
Red Hussar,	"	Rich glowing cardinal.
Queen Victoria,	"	Pure rich yellow.
C. W. Bruton,	Decorative.	Pure clear yellow.
Wm. Agnew,	"	Rich crimson scarlet.
Maid of Kent,	"	Rich Cherry-red, tipped white.
Nymphaea,	"	White, suffused shrimp pink.
Lynhurst,	"	Brightest vermillion.
Sylvia,	"	White, suffused and tipped soft pink.

10c each; \$1.00 dozen.

Jack Rose. Unquestionably the most important addition to this class of Dahlias in many years; in color a brilliant crimson red, rich and glowing, similar in shade to the popular General Jacqueminot Rose, which suggests its name. The habit of the plant is all that could be desired for garden decoration, it being of uniform, compact growth, producing its flowers in the greatest freedom on erect stout stems, and always comes perfect, a green center or open flower never having been seen, and under the most ordinary cultivation they measure 5 inches in diameter and over. As a cut flower, its rich color combined with the long, stiff stems which hold the flower erect will at once secure for it a foremost place. The comparatively few flowers placed on the market the past season were quickly disposed of at highest prices. Awarded certificate of Merit by the Pennsylvania Horticultural Society, October 20, 1907. This is also a fine variety for the florist, as Mr. Peacock cut as high as 14 blooms; on 2 ft. stems from a single plant at one cutting and these were sold in New York City at 6 cents apiece when the market was glutted with Dahlias. Any lover of Dahlias will be more than pleased with this variety. Strong field grown roots. . . . 15c each; \$1.50 per doz.

4—NEW CACTUS DAHLIAS—4

Country Girl. Large flowers, deep golden yellow tipped bright amber, a striking combination of color.

Crimson Beauty. Handsome bright crimson flowers, make a magnificent plant.

Juliet. Rosy pink, tinted lighter towards the center. A very pleasing color.

Purity. A large-flowered, finely formed white. Exquisite. Strong field grown roots. 15c each; Four—one of each variety 50c; \$1.50 doz.



Bouquet of
Peacock's New Dahlia.
"JACK ROSE."
Photographed in bright
sunshine in order to get
full detail.

Showing how the glistening sheen
in the sunlight lightens up the giant
pink, crimson flowers and gives an idea
of its value for decorations, especially
using bright artificial light.

CANNAS.

Every one likes a bed of Cannas. The list we offer is composed of first class varieties only and the price is not high. We are not offering mixed Cannas as these are dear at any price. One of our assortments will make a fine bed or if you prefer to make your own assortment you will find a good range of colors.

ITALIAN OR ORCHID FLOWERING CANNAS.

These attain a height of 6 to 8 feet, while their flowers frequently measure 6 inches across.

Allemania. Dark salmon golden markings.

Austria. Pure canary-yellow; a fine open flower with a few reddish dots in the center of the two inside petals.

Louisiana. A strong vigorous grower producing a dense mass of glossy green foliage and vivid scarlet flowers.

Pennsylvania. Foliage deep green, flowers intense vermillion scarlet overlaid with an orange sheen.

Price: Any of the above or assorted 10c each; \$1.00 per doz.; \$7.00 per 100; 25 sold at the one hundred rate.

SURE SUCCESS COLLECTION.

Buttercup. Deep buttercup yellow, almost pure; very effective bedder; 3 feet.

David Harum. Vermillion scarlet, one of the best; 3½ ft.

King Humbert. Fine bronze foliage, with gigantic trusses of flowers, will measure 6 inches in diameter.

The flowers are of a brilliant orange-scarlet with bright red marking very bold, effective; 5 ft.

Mlle. Berat. The nearest approach to a pink in a first-class bedder; 4 feet.

Rubin. The ruby carmine flowers of this are not large, but are reproduced in profusion and are rich and glowing, which combined with the dark, bronzy-green foliage, make it one of the best bedding varieties in our collection.

Price. Any of the above varieties or assorted 15c each; \$1.25 per doz.; \$9.00 per 100; 25 sold at 100 rate.

9 Cannas—one of each variety 75c.

GLADIOLUS.

Culture. Plant six inches apart and three inches deep at intervals from April to June.

In 5 Separate Shades.

	Shades.	Mixed.	Each.	Doz.	100
Pink and Rose	"	"	3c.	35c.	\$2.50
Yellow	"	"	5c.	50c.	3.50
Scarlet and Crimson	"	"	3c.	25c.	1.50
White and Light	"	"	3c.	35c.	2.50
Striped and Variegated	"	"	4c.	40c.	3.00

SURE SUCCESS MIXTURE.

Blended from named varieties, Groffs, Childsii, and Lemoines strains of gladiolus. A fine assortment embracing almost every color and combination of color.....3c each; 30c doz.; \$2.00 per 100.

EXTRA FINE MIXTURE.

A good assortment of colors and varieties.....2c each; 20c doz.; \$1.00 per 100.

JAPAN IRIS.

We have a few of these handsome Iris in stock and as long as they last will dispose of them at 25c each; \$2.50 per dozen. These are in separate colors and are undivided clumps as imported by us from Japan. One clump will make a magnificent plant. In white, blue and yellow shades.

LILIES.

Lilies. The beauty both in outline and color of the flower of these bulbs put them into a distinctive class. In the delicate blends of color, in the fragrance of its flowers, in the varied types and varieties it stands unequalled. The rapid increase of its bulbs allows of extensive use in the garden. Do not plant where water will stand around the bulbs as a well drained soil is necessary. A lily bed should be dug out two feed deep; put six inches of well rotted manure at the bottom, pack thoroughly, and place upon this twelve inches of good soil. If it can be had a one inch

layer of sand should follow and on this place the bulbs and cover with sand. Fill up with good soil and then mulch with dead leaves. A partially shady spot is the best for the bed. During the summer it is advisable to plant some low growing plant such as Verbena or Petunias around in the bed to act as a mulch against the heat at the roots of the plants. Lilies prefer a light loam but will do equally well in a clay soil if well drained. It is best after Lilies have become well established, to allow them to remain undisturbed, frequent removals are not desirable.

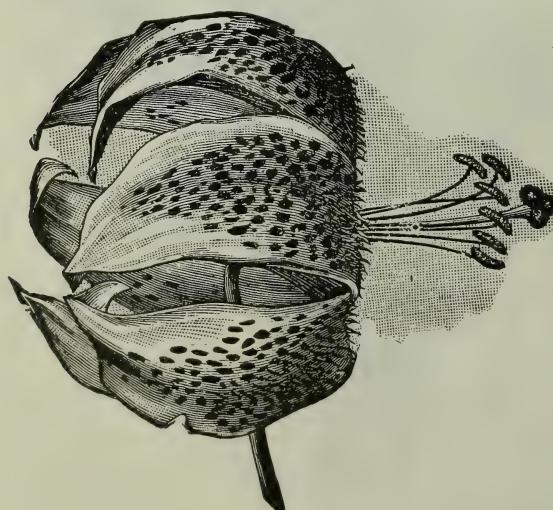
Lilium Auratum. "The Golden Rayed Lily of Japan" flowers are pure white, thickly studded with crimson spots, while to the center of each petal runs a clear golden band.

15c each; \$1.50 per doz.; by mail 20c each.

Lilium Rubrum, Japan Lily. White tinted with crimson...15c each; \$1.50 doz.; by mail 20c each.

MADEIRA VINE.

A rapid growing vine, covering a large space in a short time. Fleshy, heart-shaped leaves of light green, and numerous sprays of feathery flowers of delicious fragrance. A beautiful and popular vine.....5c each; 40c doz.



Lilium Rubrum.

FRAGRANT PAEONIES.

Their requirements are so simple—a good, rich, deep soil, and an open sunny situation, which, however is not absolutely necessary, as they thrive almost equally as well in a partly shaded situation, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers. The "Pi-ney" as it is often called rivals the rose in coloring and fragrance, and produces during their flowering season a magnificent effect. In planting the roots of the Paeony should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

25c each; 30c by mail; \$2.50 per doz. not prepaid.

TUBEROSES.

Double Dwarf Pearl. Delightfully fragrant and much superior to the ordinary kind offered . . . 3c each; 25c doz.

Excelsior Pearl. Short robust stems and long spikes of beautiful flowers, which are more durable and fragrant than Double Dwarf Pearl. 3c each; 35c doz.

FERTILIZERS.

Sheep Manure. Pure natural manure one of the best for lawns or gardens. Quickly soluble and absolutely safe to use in any quantity or in any manner. Fine for pot plants. Pulverized per lb. 5c.

6 lbs. for 500 square feet of lawn.	\$0.25
17 " " 1300 " " "50
30 " " 2800 " " "75
45 " " 5000 " " "	1.00
100 " " 10000 " " "	2.00

For garden purposes use double the quantity.

Pure Bone Meal. per lb. 5c.; 10 lbs. 45c; 50 lbs. \$1.50; 100 lbs. \$2.50.

For lawns use at the rate of 500 lbs. per acre.

Hard-Wood Ashes. Indispensable as a lawn dressing or to apply to orchards. They should be applied late in fall or early spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened, are in proper condition for immediate use.

10 lb. Bag for 400 square feet	\$0.25
25 " " 1000 " " "50
50 " " 2000 " " "75
100 " " 4000 " " "	1.25
200 " " 8000 " " "	2.00

Land Plaster. Applied as a top dressing for Grass or Clover crops in the Spring greatly increases yield of same. 20 lb. bag. 25c; 50 lb. bag 50c; 100 lb. bag \$1.00; 200 lb. bag \$1.25

INSECTICIDES AND FUNGICIDES.

Arsenate of Lead. Will not scorch or burn the most delicate foliage but at the same time kills all leaf eating insects. Will not wash off 1 lb. can 25c; 2 lb. can 40c.; 5 lb. pail 80c; 12½ lb. pail \$1.75; 25 lb. pail \$3.15; 100 lb. pail \$11.00

Bordeaux-Lead Arsenate Mixture Paste. A combined insecticide and fungicide. Sticks well to the foliage 1 lb. can 25c; 2 lb. can 40c; 5 lb. pail 75c; 10 lb. pail. \$1.45; 45 lb. pail \$5.00; 100 lb. pail \$10.50

Bordeaux Mixture Paste. The best fungicide. Ready for use by adding water 1 lb. 20c; 2 lb. 35c.; 5 lb. 60c; 10 lb. 90c; 20 lb. \$1.60; 45 pounds \$3.50; 100 pounds \$6.25

Blue Stone. (Copper Sulphate) For making Bordeaux Mixture. lb. 10c. 10 lb. 80c.

Hellebore Powder. For worms and Caterpillars. ¼ lb. 10c.; ½ lb. 15c.; 1 lb. 25c.

Lime. Sulphur Solution. For fall, winter and early spring sprays. Destroys San Jose Scale. Peach Leaf Curl, Bud Moth, Apple Aphis, Blister Mite and Scale insect or bark lice. If not exposed to the air will remain in solution a long time; will not clog the spray pump because it is free from sediment. 1 gal. makes 12 gal. spraying liquid. ½ gal. 30c.; 1 gal. 50c.; 5 gal. \$2.00; ½ bbl. 25 gal. \$5.85; 1 bbl. 50 gal. \$10.00.

Slug Shot. A non-poisonous insecticide. Effectual in destroying Caterpillars, Worms, also Bugs on Potatoes, Melons, Squash and Cucumbers.

1 lb. 10c; 5 lbs. 30c.

Sulphur Powdered. Used to prevent mildew on plants.

1 lb. 10c; 2 lbs. 15c; 5 lbs. 35c; 10 lbs. 60c.

Tree Tanglefoot. A sticky substance applied to the bark in a band around trees. For protecting trees against climbing insect pests

1 lb. can 30c; 3 lb. can 85c.

Tobacco Dust. For Green Fly, Aphis, Fleas, Beetles, etc. Splendid fertilizer and preventative for insects, worms in the ground around cucumbers, melon plants and root crops. 1 lb. 5c; 10 lbs. 30c; 100 lbs. \$2.50.

Whale Oil Soap—Useful for washing trees, etc 1 lb. 15c.

Bug Death. Is a fine powder and in composition is peculiar to itself inasmuch as it does not depend upon arsenic for its killing powder. It contains no paris green or arsenic; is a plant food as well as a vermin destroyer; does not burn or blight tender plants. Vigorous, healthy foliage insures larger crops.

Bug Death kills all vermin on currant, gooseberry and rose bushes, house plants, potatoes, melons, cucumbers, and garden truck in general. It also prevents blight. It sticks to the leaves through rainy weather. Price, 1 lb. pkge., 15c; 3 lb. pkge., 35c; 5 lb. pkge., 50c; 12½ lb. pkge., \$1.00.



Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897,
and Jan. 25, 1900.



THE DICKEY DUSTER

Is a tin tube, very simple and practical, provided with a scoop attached to the perforated thimble for filling without waste of time or material.

Price, 25 cents.

POULTRY DEPARTMENT.

This department of our business is increasing so rapidly that we have been compelled to get additional warehouse room to care for it. We pride ourselves on the variety and quality of feeds, remedies, and supplies we have to offer, and in regard to price we simply state that quality considered, we do not allow ourselves to be undersold.

MANDY LEE INCUBATORS AND BROODERS.

Just THREE Things

are required to make 90 per cent. to 100 per cent. hatches every time and in any season, climate or altitude: **1st**, correct heat; **2d**, correct moisture; **3d**, correct ventilation. In other incubators it's mostly guesswork; in the Mandy Lee it's a scientific certainty. In other incubators conditions are right if you **guess right**; in the Mandy Lee they are right if you follow simple instructions.

EVERY FEATURE.

of the Mandy Lee—Heat, Moisture and Ventilation—are measured and regulated to a stated degree. There is no guess-work at any point. When conditions are correct in the egg-chamber hatches are always good and uniform no matter what the outside conditions of weather, climate and altitude.

MANUFACTURER'S GUARANTEE.

We guarantee our Incubators and Brooders to give satisfactory results if operated according to directions in our Direction Book. In case of any cause or dissatisfaction at any time, we require, as a condition of this **Guarantee**, that we be at once notified at our Omaha office. Sometimes a word from us may solve an otherwise "knotty" problem for you.

We do not ship machines on trial.

EQUIPMENT.

Incubators—With each Incubator is included a Thermometer, Egg Tester, and Hygrometer. Each size has all our latest improvements **except** the 100-egg does **not** have the duck bottom.

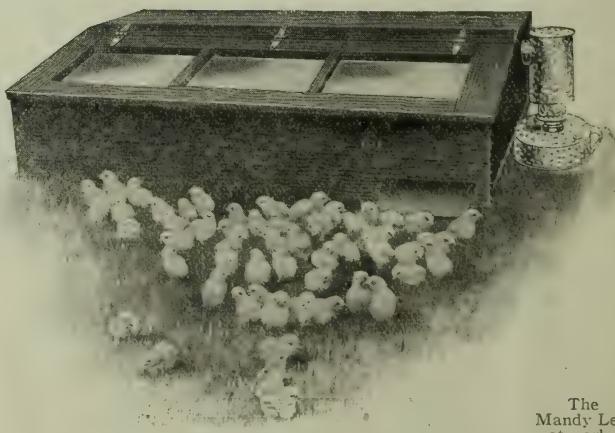
PRICES.

Incubators and Brooders

	Weight	lbs.
Incubators—400-egg size.....	260	\$38.00
" 280-egg size.....	216	30.00
" 200-egg size.....	192	25.00
" 140-egg size.....	140	20.00
" 100-egg size.....	133	16.00
Brooders—Regular.....	120	12.00
" Secondary.....	80	7.50
" Sectional.....	117	10.00
" Out Door Heated, 4-ft.	220	16.00
" Out Door Heated, 5-ft.	260	18.00
" Fireless, No. 8.....	45	5.00
" Fireless, No. 10.....	67	8.00

It's Nature's Method.

DIRECT CONTACT HEAT.



The
Mandy
Lee
at work.

Incubator and Brooder Supplies.

Brooder Thermometer.....	\$0.50
Double Wafer for Regulator.....	.75
Egg Tester.....	.25
Hygrometer (Mandy Lee).....	2.50
Lamp (Incubator) with Burner and Wick.....	.90
Lamp (Brooder) with Burner and Wick.....	.75
Lamp Wicks (2 for 5 cents), per doz.....	.25
Lamp Burner.....	.40
Thermometer (Incubator) for Mandy Lee	.75
Thermometer (Incubator) with Legs; for any incubator.....	.60

Descriptive Catalogue Mailed free on Request.

MANDY LEE HYGROMETER.



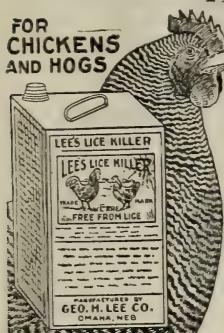
PRICE, \$2.50.

The Greatest Incubator Invention in 20 Years.

es, and the chicks are stronger, livelier, and more every way.

THERE'S ONLY ONE

FOR CHICKENS AND HOGS



Safe, sure and economical way to rid the poultry and poultry-house of all kinds of vermin, and that is by using

LEE'S LICE KILLER.

A special Distillate of coal-tar and sulphur products, prepared exclusively for insecticidal purposes, immediately put into air tight retainers, from which it may be drawn one year or ten years hence of equally effective quality.

The advantages of a liquid lice killer over an insect powder are so obvious as to not require mention here. Not only is the time and labor less but the results are much better and the work more satisfactory in every way with a liquid preparation like Lee's Lice Killer. Just paint the roofs and spray the walls of your poultry-house. That's all!—if you use Lee's. Price Qt. 35c; $\frac{1}{2}$ gal. 60c; gal. \$1.00.

LEE'S DIP.

Lee's Dip is a scientific coal-tar preparation of well-known value for the destruction of Lice, Mites and Ticks, and for the cure of Mange, Scab and Itch; an antiseptic and disinfectant; a dressing for wounds, sores, etc.

Lee's Dip is non-poisonous and does not irritate. It is easy to prepare, blends and mixes perfectly with water, leaves the skin and hair soft, moist and pliable, skin pores open, and all cleansed and thoroughly disinfected.

Hog Cholera and Swine Plague are unknown where Lee's dip is used regularly. It not only destroys vermin but disinfects animals and pens and destroys diseased germs. Price..... $\frac{1}{2}$ gal. 75c.

LEE'S WHITE DIARRHOEA REMEDY

is the BEST remedy for this dread germ disease which has killed so many chicks in recent years. We believe it is the best cure and preventive of White Diarrhoea ever discovered, and don't know of a single instance where it has not proved satisfactory. The dose required is small, treatment simple, and cost insignificant. One size only.... 50c.

LEE'S HEAD-LICE OINTMENT.

Nothing is more annoying than head lice on chicks; nothing will more quickly sap the chicks' vitality. Chicks raised by the "hen" method are especially bothered in this way. Lee's Head-Lice Ointment is thoroughly effective, inexpensive, and easy to apply. Prepared only in large two-ounce boxes selling at, each..... 15c

Conkey's Poultry Remedies.

We handle a complete line of these celebrated remedies which have built their reputation upon the scientific basis of one remedy for each disease.

A "CURE ALL" is not made by the Conkey Company. Each remedy is intended to serve one special purpose and serve it well. These goods are absolutely guaranteed and we offer them to you on this basis: If they fail to satisfy you in any particular, your money will be refunded to you cheerfully. Limited space will not permit descriptions of each of these remarkable remedies, but we will mention a few briefly and list the rest. Fuller information will be supplied on request.

Incubator Operators who have been content with 60 to 70 per cent hatches are now securing, by aid of our Hygrometer, from 90 to 100 percent hatch-satisfactory in



on OUR guarantee of an increased egg-yield at a REDUCED feeding cost.

THAT'S just as plain as we know how to make it—more eggs, less feed—the risk is all ours. That's the way we bought it, and the way we're authorized to sell it.

Lee's Egg Maker is largely granulated blood (deodorized), one pound of which is equal to 16 pounds of fresh meat, just what is needed to make eggs at this season of the year, and it can be fed to the exclusion of all other forms of meat food at less feeding cost and with better results from every standpoint. At present cost of feed and eggs you really can't afford to overlook this offer.

2 $\frac{1}{2}$ lbs. 25c; 5 $\frac{1}{2}$ lbs. 50c;
25 lbs. \$2.00.

GERMOZONE

IS THE best cure for Roup, Colds, Cholera, Chicken Pox, Bowel Complaint, and other poultry ailments, all of which usually originate from similar causes. Germozone goes to the root of the trouble, and, unless the disease is in its last stages almost invariably effects a speedy cure, and what is of even greater importance, with none of the injurious after-effects so common with most poultry medicines.

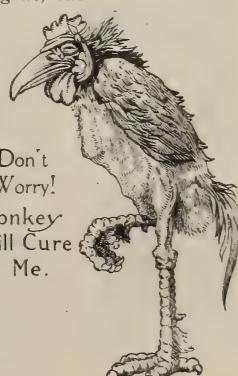
Germozone is the best health-insurance you poultry can have. It keeps the bowels regular, the system in good condition.

Germozone enjoys the largest sale of any poultry medicine ever placed on the market. It is safe, sure, reliable—and sold on a Guaranty of satisfaction or money back.

Price, 50 Cents.

FOR SALE BY

Don't
Worry!
Conkey
Will Cure
Me.



Conkey's Roup Remedy.

This is the best known remedy for Roup. Every civilized country of the world knows and uses it as the one reliable means of curing Roup, when given in anything like reasonable time. It is a cure, a tonic and a preventative. You should have it on hand to use at the first signs of the trouble, though it generally cures even in advanced stages of the disease. It kills the germ, purifies the blood and tones up the general health of your flock.

Nothing made that is so dependable and promptly effective. The ravages of Roup often amount to an epidemic and Conkey's Roup Remedy will often check the disease before it has a chance to attack other fowls. **Price 50c and \$1.00 postpaid.**

Conkey's Lice Powder.

The strongest and most effective Lice Powder for body lice ever made. It doesn't scare, stun or drive the lice away—it kills them on the spot. Lice simply cannot live where Conkey's Lice Powder is properly used. Try it today and free your fowls from these parasites. Liberal samples for 4c in stamps. Prices—**5 oz. package, 10c or 15c postpaid; 15 oz., 25c or 40c postpaid; 48 oz., 50c, express extra.**

Conkey's Lice Liquid.

A powerful liquid that will destroy the thousands of red mites that live in the cracks and crevices of the house and nests in the day and swarm the fowl's bodies at night. You can't reach them with a powder. Conkey's Lice Liquid is the preparation that will immediately and entirely rid your poultry house of the blood suckers and profit killers. **1 quart 35c, 2 quarts 60c, 1 gallon \$1.00; express extra.**

Conkey's Head Lice Ointment.

Save your little chicks from the ravages of the deadly head lice. Conkey's Head Lice Ointment is instant death to the head lice, absolutely harmless to the little chicks. Easy to apply. **10c and 25c, postpaid.**



CONKEY'S NOXI-CIDE. The greatest disinfectant and germ destroyer known. Prices 35c. or 50c. express paid; 60c. or 80c. express paid; 90c. or \$1.25 express paid; \$1.50 or \$2.00 express paid.

CONKEY'S FLY KNOCKER

means peace to your stock and money in your pocket. It kills every fly it hits and drives the others away. The animals cannot fight flies and do their best for you. It does not harm the coat. It does not taint the milk. It allows the animal to give you the best from its food and rest. The horseman, the dairyman, the horseshoer, and all who have to deal with animals, claim that they are saving money by its use. Ask for special folder on this product; it will interest you. Prices—1 qt., 35c; 2 qts., 60c; 1 gallon, \$1.00, express extra.



Conkey's Laying Tonic.

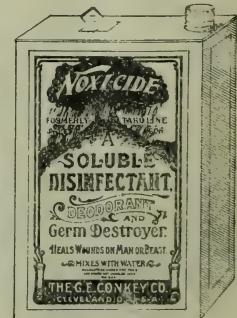
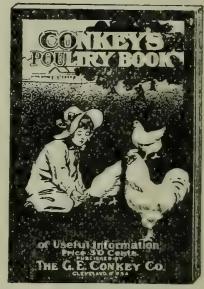
This actually makes hens lay without harming them. It is not a food in itself, and you escape paying for bran and middlings, which comprise the bulk of inferior egg-producers, and which you can supply for less money from your own bins. There is not one particle of filler in this tonic. It means vigor in your fowls, which is the greatest egg-producer known. **1 1/2 lbs., 25c; 3 1/4 lbs., 50c.; 7 lbs., \$1.00; 25 lbs. pail, \$3.00. Expressage extra.**



Conkey's White Diarrhoea Remedy, 50c postpaid. Conkey's Bronchitis Remedy, 50c postpaid. Conkey's Cholera Remedy, 25c and 50c postpaid. Conkey's Cough Remedy, 50c or 60c postpaid. Conkey's Chicken Pox Remedy (for Sore Head), 50c or 55c postpaid. Conkey's Limber Neck Remedy, 50c or 55c postpaid. Conkey's Scaly Leg Remedy, 50c or 55c postpaid. Conkey's Rheumatic Remedy, 50c or 55c postpaid. Conkey's Healing Salve, 25c postpaid. Conkey's Poultry Laxative, 25c postpaid.

Conkey's Big 72 Page Poultry Book Free.

This is a book that every poultry raiser should have and no poultryman who has ever had a copy would be willing to give it up at any price. Highly endorsed by the expert and thoroughly appreciated by the amateur. It is practical, helpful, concise and complete. In plain, common sense terms it treats the whole subject from the profit making angle. It deals with the important questions of housing, breeding, feeding, incubation, diseases, in a sensible, practical manner that will save your money and assure success if you follow its simple instructions. The 72-page 1910 edition regularly sells for 50c, but it's yours free, for 4c in stamps to cover postage.



PRATT'S REMEDIES.

Pratt's Poultry Regulator—A tonic and guaranteed Egg Producer. Prevents Cholera, Roup, Gapes and all diseases of the flock.

26 oz. pkg. 25c; 4 lb. pkg. 50c.

Pratt's Animal Regulator. A medicinal tonic and regulator. Acts gently but surely on the blood, bowels and digestive organs, thus placing the animal in robust condition. For Horses, Cattle, Sheep and Hogs, price; 1 1/2 lb. 25c; 7 lbs. 50c.



PRATT'S REMEDIES—Continued.



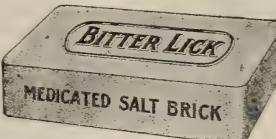
Pratt's Lice Powder. To get best results from this powder, work thoroughly into the feathers to the skin..... 10 and 25c pkg.
Pratt's Worm Powder. Kills and expels worms. For all animals. Price—50c per box.
Pratt's Colic Cure. A Sure Remedy if used according to directions. Price..... 50c.

BITTER LICK MEDICATED Salt Brick



BITTER LICK SALT BRICK.

Composed of rock, salt and oil meal combined with other ingredients of high medicinal properties, to keep your horse and cattle free from colic and worms. Save expensive doctor bills by keeping your stock in good condition.



20c. per brick..... \$2.00 per dozen.

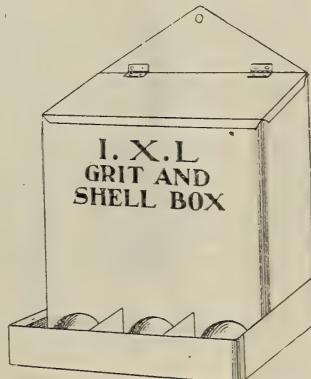
RUST'S HAVENS ROUP PILLS.

For Roup, Catarrh, Colds, Pigeon Diseases, etc. They are unlike any other medicine and being composed of medicines in concentrated form they are of moderate size, and therefore easy to give to fowls. Price; box of 50, pills 25c box.

Fixtures for the Poultry House and Yard.

I. X. L. GRIT AND SHELL BOX.

This is one of the most convenient articles in a poultry yard. By using it you save at least half of the grit or shell as none can be wasted. As feeder is automatic you have grit, shell and bone always before the fowls. It can be hung on wall or fence at a convenient distance from the ground. Can also be used as a self-feeding device for chick-feed or any whole grain. This box will not clog when feeding coarse grain as some do. Well made of good material, brass hinges. 3 compartments..... 50c.



CHINA NEST EGGS.

By using these eggs there is no danger of getting stale eggs mixed with the fresh ones, nor of the hen breaking them and acquiring the habit of egg-eating.

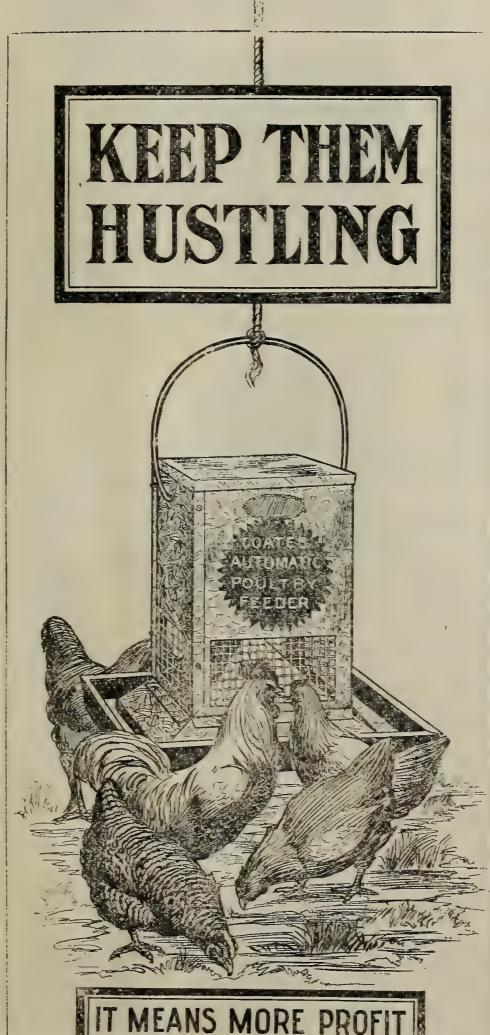
3 for 5c; 20c doz.; \$1.50 per 100.

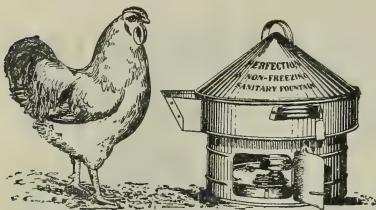
AUTOMATIC FEEDER AND EXERCISER.

Can be changed from a grain feeder to a dry mash feeder, or a chick feeder in a minute. Three machines in one. Three kinds of wire mesh for the different kinds of feed furnished with each machine. It is hung up and cannot be tipped over or upset. The ample openings insure it not being stopped or clogged up as in device with one outlet. All the feed is kept dry and clean until eaten, none is lost. Allow the fowls just sufficient food for their wants each day. Saves your feed, your time, and increases the egg yield. In addition, the machine is absolutely rat and bird-proof. One of these feeders will pay for itself in a short time.

No. 1. Little Chick Size, 25 to 50 chicks..... \$1.25
 No. 2. Feeder, holds 9 qts., up to 15 fowls..... 2.00
 No. 3. Feeder, holds 12 qts., up to 25 fowls..... 3.00

IT MEANS MORE PROFIT



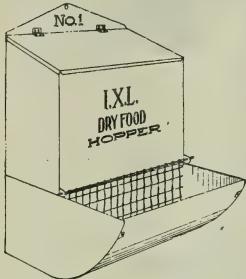


Perfection Non-Freezing Sanitary Fountain.

This fountain has been on the market for three years, giving perfect satisfaction. A small flame only is necessary, and with water having the chill taken off the fowls are continually drinking. This means more eggs in fact poultrymen using them report fully $\frac{1}{2}$ more. Thoroughly made of heavy galvanized iron by efficient workmen. 2 gal. size.....\$2.50

MASON CHICK SERVER AND FOUNTAIN.

How many chicks do you lose every year from drinking polluted water and from drowning? Thousands die every year from these two causes. The Mason works automatically with feed or water. Easy to clean and fill. Use with any size Mason Jar. Price 15c; by mail 25c; Six \$1.25 postpaid.



I. X. L. DRY FOOD HOPPER.

A practical way to feed poultry. Will feed dry mash, beef scrap or grain feeds without any waste. The swinging screen prevents the feed from being scattered. No. 1, capacity 1 pk. with 1 compartment 75c. No. 2, capacity $\frac{1}{2}$ bus. with 2 compartments \$1.25.



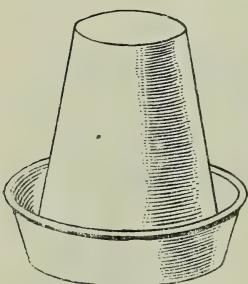
FEED CUP.

Made of heavy galvanized iron painted. Used for mating coops by all Pigeon Breeders and also at Poultry Exhibitions on coops or cages.....15c each; \$1.50 per dozen.

THE ECLIPSE DRINKING FOUNTAIN.

These fountains are well made of heavy galvanized iron, (we mean galvanized iron, not tin) and are easily cleaned and filled. Not injured by freezing. One and two quart are good sizes for brooders as pans are made low for chicks and they can not get in and get wet. Made in four sizes.

2 gal. 50c; 1 gal. 35c; 2 qt. 25c; 1 qt. 20c; Get our special prices on large lots.



STAR WALL FOUNTAIN.

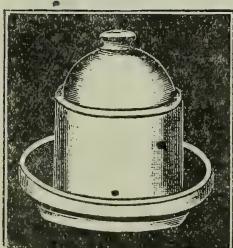
Quick and easy to fill and convenient to carry. Made of galvanized iron and will not rust. Excellent to hang on the wall out of the way1 gal. size, 50c; 2 gal. size, 75c.

I. X. L. SANITARY FOUNTAIN.

The best galvanized iron fountain on the market both in workmanship and design. Made with removable bottom for cleaning which makes it very sanitary. 1 gal. size 60c; 2 gal. size 85c.

SANITARY STONEWARE FOUNTAIN.

Made in two parts, a reservoir for the water placed above a saucer so that the chickens can drink from all sides. The top is removable, allowing the fountain to be thoroughly cleaned inside. The proper thing to use where medicine is given in the drinking water. 1 qt. 20c each; 2 qts. 25c each; 4 qts. 35c each; 8 qts. 45c each.



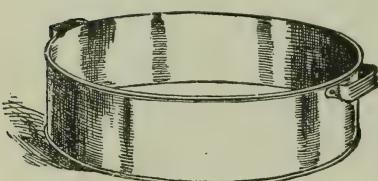
W. R. POULTRY FOUNTAIN.

This fountain is made in one piece, strongly built; largely used for pigeons.

Prices..... $\frac{1}{2}$ gal. 25c; 1 gal. 35c; 2 gal. 50c

PIGEON'S GALVANIZED IRON BATH PAN.

A necessary article in any pigeon loft. It is so well made of good material that it will last for years. Made in 3 sizes—No. 1, large enough for 12 pairs. No. 2 for 20 pair, No. 3 for 25 pair to 30 pair. Extra pans should be used when flock is large. These pans are four inches deep, giving pigeons more liberty getting out than when deeper. Prices, No. 1, 15 inches diameter 45c; No. 2, 18 inches 60c; No. 3, 32 inches 75c. Special prices on quantities.





The Peerless Fountain and Heater.

Warm water means more eggs in winter. Eggs means more profit.

Fountain... \$65c
Fountain and Heater... \$1.50

THE PEERLESS FOUNTAIN AND HEATERS.

The Influence of Water on Egg Production.

When it is remembered that an egg is 64% water, which of course must be drawn from the system of the hen, it makes it plain that water has actually a greater influence on egg production than the feed which is used. Experiments extending over many years have proved the practical as well as theoretical truth of this statement.

These experiments have also demonstrated beyond dispute—:

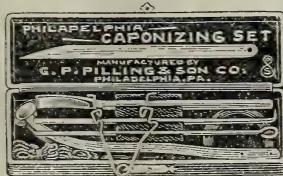
1st—That water that is unfit for human use is unfit for poultry.

2nd—That water fouled by droppings is a common cause of diseases of many kinds and always results in lower vitality and less eggs.

3rd—That water fouled by the food soon ferments and causes bowel trouble which often paralyzes the egg producing organs and always weakens them resulting in less eggs or no eggs at all.

4th—That the growth and development of the fowl is wonderfully encouraged and egg production often doubled or trebled where the fowls have constant access to pure clean water, which is warm in winter.

PHILADELPHIA CAPONIZING SET.



Complete, with instructions, \$2.50. In velvet lined case like engraving, \$2.75. We send easy to use directions with every set.



X-RAY EGG TESTER.

With it you can test your eggs any time in the day or any place. It is always ready, searching and accurate. You need no lamp, no dark, secluded spot. The X-RAY EGG TESTER tests three or six eggs at once.

3-egg capacity, price..... \$0.75
6-egg capacity, price..... 1.00

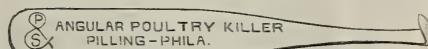
GEM EGG TESTER.

We also make what is known as "The Gem Folding Egg Tester," a tester consisting of pasteboard and a strip of mirror.

Price, postpaid, 25 cents.

PILLING ANGULAR KILLING KNIFE.

By simply turning the wrist the jugular vein and spinal cord are cut, thereby bleeding the fowl, allowing



the feathers to be removed without using water. 50 cents net, postpaid.

PHILADELPHIA GAPE WORM EXTRACTOR.



Postpaid, 25 cents each.

Reliable Pedigree Nest Box.

Price, \$1.00 Each.

Lock Stitch Sewing Awl.

Sews leather quick. Better than rivets.
Can be carried in the pocket.

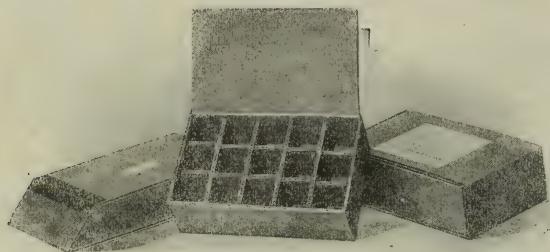
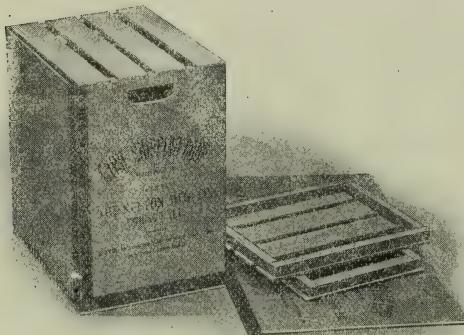
Price, \$1.00 Each.

Have you Read "Success with Poultry"

A book on successful and profitable poultry raising. Containing valuable information for persons who think of engaging in any branch of the business for profit. Price..... 50c.

THE EYRIE EGG BOX.

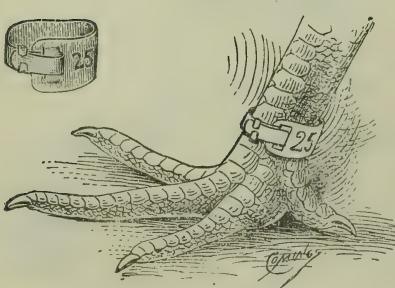
No. 1. 15-egg size, 15c each..... \$1.25 doz.
 No. 2. 30-egg size, 20c each..... 1.90 doz.

**THE EYRIE SHIPPING COOP.**

Delivered to you in three parts, folded flat for shipment, greatly reducing freight and express charges. The top and bottom are strongly constructed of wood. The body is made from extra heavy corrugated Fibre Board, protecting the fowls from draught, heat and cold.

The Cheapest, Best and Most Convenient Coop on the Market To-day.

	Wt. per Doz.	Per Doz.
No. A. Sizes 12x16x18	54 lbs.	25c each \$2.75
" B. " 12x18x22	64 "	30c " 3.25
" C. " 12x22x22	80 "	35c " 3.50
" D. " 20x22x22	108 "	45c " 4.75
" E. " 20x24x22	116 "	50c " 5.00

**LEG BANDS**

25c
Each

Leg Bands.
Per doz. 15c

25 for 30c

50 for 50c

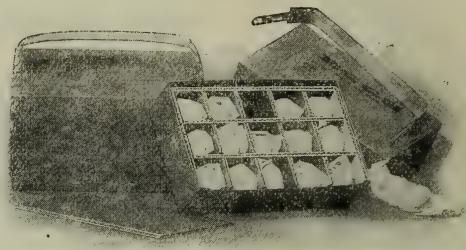
100 for 75c

Pigeon Leg Bands

Per doz. 15c

100 for 75c

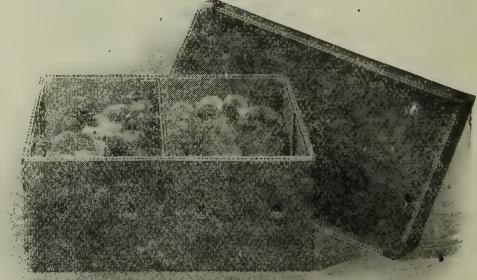
Capacity	Per Each	Per Doz.
36 Eggs.	20c	\$2.00
72 Eggs.	25c	2.50
108 Eggs.	30c	3.00
144 Eggs.	35c	3.50

**THE ANDERSON EGG BOX.**

"The Anderson Egg Box" is made of Corrugated Paper with Double Faced Corrugated Paper Partitions protecting each individual egg. Folded flat for shipment.

PRICES.

1 Sitting. No. 3, 10c each, per dozen.....	\$1.00
2 Sitting. No. 4, 15c each, per dozen.....	1.50

THE SEFTON LIVE CHICK BOX.

Made from Corrugated Paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in Express Charges alone will pay for box.

PRICES.

25 Chicks, size 12 x 6 x 5, weight per doz., 6½ lbs., 15c each; price per dozen.....	\$1.25
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DAVIS FOOD AND WATER HOLDERS.

Can be used for water or grain, grit, shell, etc. 25c each; \$2.70 dozen.

WIRE NESTS.

These nests are strongly made, from very heavy japanned steel wire, and will last a life-time. They are easy to keep clean and are far superior to wooden boxes. 15c each; \$1.50 dozen.

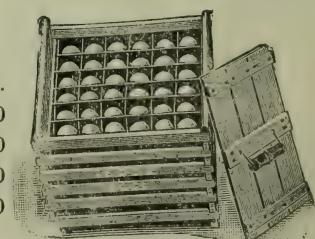
PIGEON NESTS.

Moulded from clay, and are easily cleaned.

Prices: 8 in. 10c each, 3 for 25c; 10 in. 15c each, 2 for 25c.

HUMPTY DUMPTY EGG CRATE.

This is the cheapest egg carrier on the market. Collapsible. Takes up little room when not actually in use.



POULTRY FOODS.

Balanced Rations—A balanced ration is one so made that it furnishes just what the fowl needs to produce eggs and meat and to maintain normal health and vigor. Fowls cannot thrive on a continuous diet, but like ourselves require a constant change to be at their best. It is not only what to feed, but how much and how often, that makes your profit grow. A laying hen required 6 ounces of feed a day. Exercise is as necessary as food, and it is wise to feed all grain in a litter of straw, leaves or anything that will make them work by scratching. We can thoroughly recommend the following feeds.

Biddy Chick Feed. Recognizing the demand for a well-balanced food for young chicks, which will give them the "right start in life," we have spent two years in obtaining this preparation, have thoroughly tested it, and are prepared to proclaim that it stands unrivaled for raising young chicks, ducklings and turkeys.

Composed of choice grain and seeds—carefully selected, perfectly granulated to precisely the right degree for the YOUNGSTERS, and screened CLEAN of all fine stuff. This makes a perfectly balanced ration for HEALTHY HEARTY AND RAPID chick development, as well as best digestive results.

8 lbs. 25c; 50 lbs. \$1.20; 100 lbs. \$2.35.

Sun Chick Starter. A primary grain food for baby chickens up to twenty days old. Compounded from Corn, Wheat, Kaffir Corn, Oats, Millets, Grit and Bone..... 8 lbs. 25c; 50 lbs. \$1.25; 100 lbs. \$2.45.

Crescent Chick Food. A complete grain food for chicks three to eight weeks old. It is made from Corn, Wheat, Kaffir Corn, Hulled Oats, Millets, Grit and Bone..... 8 lbs. 25c; 50 lbs. \$1.15; 100 lbs. \$2.25.

Colonial Developing Food. A coarse grain chick food to meet the requirements of growing chick from the time it has outgrown the "Crescent Brand" until large enough for the "Globe" Scratch Feed
8 lbs. 25c; 50 lbs. \$1.15; 100 lbs. \$2.25

Clobe Scratch Food. A balanced poultry feed for growing fowls. Made of Corn, Wheat, Barley, Oats, Kaffir Corn, Buckwheat, Sunflower and Oil Cake..... 10 lbs. 25c; 50 lbs. \$1.00; 100 lbs. \$1.90.

Biddy Scratch Food. A food for poultry profits! Get the right food and you have the secret. Biddy Scratch is prepared and combined under the supervision of experts—men who have made poultry food a study.

Our ingredients are perfect—only the sweetest, soundest cracked grains and seeds are accepted—and these are sifted and cleaned until they are free from dust and chaff—every grain is nourishing food. Chickens can be fed on this mixture continuously and will never tire of it..... 10 lbs. 25c; 22 lbs. 50c; 50 lbs. \$1.00; 100 lbs. \$1.90

King Pigeon Food. A carefully mixed balanced ration of sound and sweet grain and special seed, best adapted for pigeons..... 8 lbs. 25c; 50 lbs. \$1.15; 100 lbs. \$2.25.

Queen Poultry Mash. A prepared Mash compounded from Corn Meal, Middlings, Bran, Shorts, Alfalfa Meal and Beef Scrap..... 10 lbs. 25c; 50 lbs. \$1.00; 100 lbs. \$1.95.

Alfalfa Meal. A standard green food for winter egg production. It can be fed either with a mash or scalded with warm water and fed by itself. Twenty-five per cent of Alfalfa Meal can be used in the mash.
10 lbs. 25c; 50 lbs. 85c.; 100 lbs. \$1.65.

Short-Cut Alfalfa. The value of alfalfa as a portion of the regular diet of fowls can hardly be over-estimated. Its value has long been recognized by poultrymen and it stands pre-eminent among the grasses as a source of protein, lime and mineral salts in soluble and digestible form, in fact, there is no grass, either green or dry, that approaches it in these particulars. The full feeding value of the grain food is better obtained with the aid of alfalfa. Therefore, it is best to feed it daily. Alfalfa insures a larger percentage of fertile eggs, and adds to the luster of plumage.

Our Short-Cut Alfalfa is the result of the first process of milling. The stalks, leaves and blossoms are reduced to edible lengths and are retained in the first product. Long stems, weeds, etc., are removed by our special methods. Thus, having no waste, ours is far superior to ordinary cut alfalfa. When to be used with the mash, short-cut alfalfa is mixed dry with the other foods, then scalded or boiled with them, as the poultrymen desires. When fed alone it should be scalded and left in a trough for the fowls to eat at will. **Sold in 50 and 100 pound Sealed Bags.**
1 lb. 5c; 8 lbs. 25c; 50 lbs. \$1.15; 100 lbs. \$2.00.

Buffalo Gluten-Feed 10 lbs. 25c; 50 lbs. \$1.00; 100 lbs. \$2.00.

Blood Meal. Fed in the mash will make your hens lay, your chicks grow fast and your fowls healthy. Use about 6 or 7% of Blood Meal in the mash..... 6 lbs. 25c; 50 lbs. \$1.90; 100 lbs. \$3.75.

Beef Scrap. Rich in protein and will increase the egg yield. Use 12 to 15% in the mash or feed alone in the hopper 7 lbs. 25c; 50 lbs. \$1.55; 100 lbs. \$3.00.

Oil Meal. A little of this occasionally mixed with soft feed will prove of great benefit, especially if a rich, glossy plumage is desired..... 8 lbs. 25c; 50 lbs. \$1.10; 100 lbs. \$2.10

Steel Cut Oats. Cut fine for small chicks. Excellent for mixture..... 6 lbs. 25c; 100 lbs. \$2.75.

Hulled Oats. Chicks should not be fed Oats with hulls until the chicks are at least three months old, and as oats make a desirable change this is a very convenient form of feed. 6 lbs. 25c; 50 lbs. \$1.45; 100 lbs. \$2.75.

Ground Oats. Excellent for the mash. 8 lbs. 25c; 65c bu.

Buckwheat. A good grain for mixture for grown fowls. 8 lbs. 25c; 50 lbs. \$1.05; 100 lbs. \$2.05.

Barley. Another good grain for the scratch feed. 8 lbs. 25c; 100 lbs. \$2.00.

Millet Imported. Excellent in the chick food, also used in bird seed mixture. 8 lbs. 25c; 50 lbs. \$1.35; 100 lbs. \$2.65.

Canada Peas. Is one of the principal ingredients of mixed pigeon feeds and invaluable for the general health of the flock. 7 lbs. 25c; per bush. 60 lbs. \$1.80.

Kaffir Corn. An excellent feed for poultry and pigeons. 8 lbs. 25c.; 100 lbs. \$1.75.

	Per peck.	Per bushel.
Corn—Shelled.	\$0.20	\$0.70
Corn—Cracked.	.20	.70
Wheat.	.30	1.10
Oats.	.15	.50
Screenings.	.20	.75

	Per 100 lbs.
Bran.	12 lbs. 25c \$1.45
Middlings.	12 lbs. 25c 1.60
CORN-MEAL.	12 lbs. 25c 1.50

Granulated Bone. Contains all the elements that go to form the egg. Will keep in any climate or weather if kept in a dry place. In two sizes: Coarse ground for hens and turkeys, the fine for chickens.

Either size: 8 lbs. 25c; 50 lbs. \$1.30; 100 lbs. \$2.55.

Raw Bone Meal. Made from same stock as Granulated Bone, but is ground fine to be fed in mash feeds. 8 lbs. 25c; 50 lbs. \$1.20; 100 lbs. \$2.35.

Oyster Shell. Absolutely necessary to the development of bone in the fowl and also the egg shell. Fine or coarse. 10 lbs. 10c; 50 lbs. 40c; 100 lbs. 70c.

Mica Grit. The Standard Grit; contains medicinal properties for fowls, such as sulphur and iron, and is a great aid to the digestive organs. No poultryman can afford to be without it. Three sizes, Chick, Pigeon and Poultry. 10 lbs. 10c; 50 lbs. 40c; 100 lbs. 65c.

Charcoal. Aids digestion, purifies the crop and blood, and regulates the bowels; it is absolutely necessary that fowls, either young or old, should be given some, if you would keep your flock in healthy condition.

3 lbs. 10c; 8 lbs. 25c; 50 lbs. \$1.00; 100 lbs. \$1.85.

BIRD SEED.

Musty, dirty or shriveled seed means unhealthy birds. Mixed Bird Seed as sold in cartons have too much hemp and millet seed in their composition. Why not mix your own? We recommend equal quantities of Canary and Rape with a slight portion of Hemp. Our stock is pure, sweet and clean.

Canary.	1 lb. 8c; 4 lbs. 25c; 100 lbs. \$4.50
Rape.	1 lb. 8c; 4 lbs. 25c; 100 lbs. \$6.25
Hemp.	1 lb. 8c; 4 lbs. 25c; 100 lbs. \$3.75.
Sunflower.	1 lb. 8c; 4 lbs. 25c; 100 lbs. \$6.00
Bird Gravel.	5c pkg.
White Bird Sand.	3 lbs. for 10c

“Esso” Chicken Charcoal is the best and purest you can buy—better and purer and more efficient than any other Charcoal. Because it is the only Chicken Charcoal that is Re-carbonized—twice burnt. The only Charcoal in which no gritty uncharred pieces are to be found.

A—for small Chicks. B—for young birds. C—for grown fowls.
2½ lb. box. 15c

SPRATT'S PATENT FISH AND MEAT FIBRINE DOG CAKES.

Require no preparation, no trouble, no cooking, and are adapted for all breeds of dogs. They are invaluable as a change of food during the warm weather, and are used by the leading kennel owners and breeders throughout the world. European kennel owners look upon these biscuits as a necessity, especially during the summer months.

Per lb. 10c; 3 lbs. 25c; 10 lbs. 75c; 50 lbs. \$3.50; 100 lbs. \$6.75.

Ask for Dr. Daniels Horse Book. • Free.

SPRAY PUMPS AND APPLIANCES.

EXCLUSIVE AGENTS FOR GOULD'S SPRAYERS.

SPECIAL ATTENTION is called to the fact that we guarantee these sprays in every particular. Satisfaction or your money back. Send for booklet "How to spray."

Write for prices and catalogue of power sprayer and double action sprayer capable of supplying four leads of hose and eight nozzles.

THE BORDEAUX BRASS SPRAY PUMP.

For spraying plants, trees or white-washing. The pump is made entirely of brass, with ball valves. Handle and foot rest of Malleable iron. Sprays in a continuous stream maintained by the constant pressure of the air chamber. The sprayer is placed in a pail or bucket with foothold on outside. The brass ball valves are proof against the action of acid and oils. The pump end of discharge hose is attached with brass coupling adding largely to its durability.

The Mistry or Mistry Jr. nozzle is furnished. Price complete with discharge hose \$3.50

Portable Brass Bucket Pump. Made same as Bordeaux except it is fitted with an improved adjustable foot-holder and pail attachment, which makes a rigid apparatus which is easy to carry about when pump is secured to pail. Complete with discharge hose and Mistry or Mistry Jr. Nozzle \$4.50

"COMBINATION" KNAPSACK SPRAYER.

Simple in Construction.

For Greenhouses, White Washing, etc.

The tank is made of galvanized iron, five gallon capacity. Pump is of brass with wing guided valves ground to fit valve seat. The lever can be changed from right to left. The filling collar is provided with strainer. The sprayer can be used as a bucket sprayer by removing the lever, and pump operated by handle provided at the top. The "Mistry" or "Mistry Jr." nozzles are supplied, making the sprayer particularly well adapted for white-washing fences, interior of barns, stables, etc., as well as for spraying purposes. Price—As shown with 4 feet $\frac{3}{8}$ inch discharge hose, "Mistry" or "Mistry Jr." nozzles and extensions . . \$10.00

"FRUITALL" SPRAYER.

A GOOD SPRAYER FOR ORCHARDS.

Easy of Operation.

The "Fruitall" illustrated herewith has been designed especially to meet the demand for a low priced sprayer combining the necessary durability, efficiency and strength. While the simplicity of its design allows it to be sold at a very reasonable price, its construction has not been impaired. All working parts are of bronze, including plunger, gland, valves, valve seats and strainer. The pump is regularly fitted with wing agitator. The sprayer is held in place in the barrel by an adjustable clamp at the top, fitting over the end of a stave, and an anchor in the bottom of the barrel. The lever is long and powerful, making the work easy. The large air chamber makes it possible to get up a good pressure which will last for some time after pumping has stopped. The plunger is packed from the outside so it is not necessary to take the entire pump apart to repack. The "Fruitall" is ample for two leads of hose and four nozzles. A 15-foot lead of discharge hose is supplied with each outfit, together with our "Mistry" or "Mistry Jr." nozzles.

Complete with one lead 15 feet $\frac{1}{2}$ -inch discharge hose and nozzle \$11.00

A WORD ABOUT BARREL SPRAYERS.

After using always empty out remaining solution and pump through some clear water. At the end of the season clean thoroughly before putting away.

Never leave sprayers where they will freeze, otherwise the cylinders, if iron, will crack and if brass they will expand, in both cases making repairs necessary.

BAMBOO EXTENSION.

For Attaching to Hose.



Figure 1437.

Extension Pipe—Consisting of brass pipe inside of Bamboo rod, pipe has $\frac{1}{4}$ inch inside diameter. Brass stop cock, $\frac{1}{4}$ -inch female pipe thread, thus adapting it for attachment to hose by Figure 65; other end cut $\frac{1}{4}$ -inch male pipe thread to fit nozzle. Ten feet long with cock. Price \$3.00



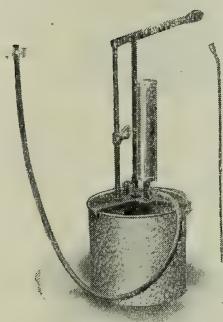
"Seneca" Nozzle-81.

By means of adjusting screw the discharge can be nicely graduated as required and remains fixed, no matter how often the nozzle may be opened or closed. The nozzle may be cleaned by turning plug across the opening. Price.....\$1.00

We can furnish 4 foot extension pipe fitted for $\frac{1}{4}$ -inch pipe thread. Price.....50c

Paragon White Wash Sprayer.

This sprayer is strongly constructed and can be easily operated by one man. The strainer cannot clog because the agitator passes over openings in it with each stroke of the pump, brushing off any dirt or grit that may have a tendency to choke it. The agitator also keeps the liquid thoroughly stirred while using sprayer.



No. 1 PARAGON SPRAYER.

THE BEST SPRAY AND WHITE-WASH PUMP MANUFACTURED.

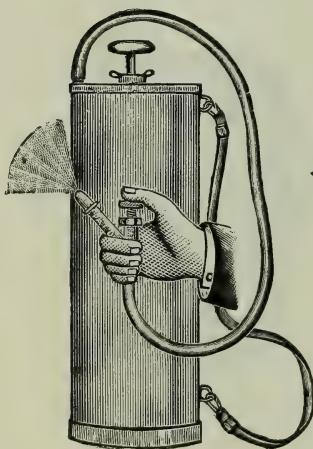
No. 1. 5 gallons, with 5 feet rubber hose, 5 feet extension pipe and 2 spray nozzles.....	\$10 00
No. 3. 12 gallons, mounted on a two-wheel steel frame, 10 feet of rubber hose, $7\frac{1}{2}$ feet extension pipe, 2 spray nozzles.....	\$15 00
No. 5. All Brass, mounted on 40-gal. heavy oak barrel. Fitted with 25 feet rubber hose; $7\frac{1}{2}$ feet extension pipes, 1 spray nozzle and triple spray nozzle.....	\$25 00



No. 3 PARAGON SPRAYER.

LIGHTNING COMPRESSED AIR SPRAYER.

Operated by Compressed Air. Holds Four Gallon.



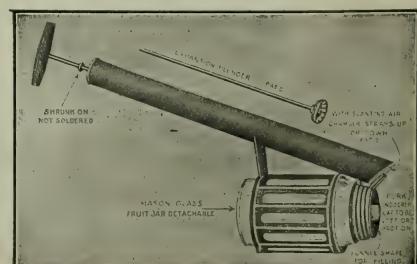
Made with double flanged heads to stand a heavy pressure of air. It is 7 inches in diameter by 21 inches in height. The pump is made of heavy brass and screwed into the centre of the head with heavy machined cut threads. The pump has a handle for carrying sprayer, which locks into the pump casting for screwing the pump into the sprayer. The same handle is used for pumping the air into the tank. The "Banner" sprayer is furnished with two feet of $\frac{1}{2}$ -inch 3-ply heavy cloth-lined rubber hose. There is a brass nipple in each end of the hose with machined cut threads, so that the hose is easily unscrewed from the tank, as well as the nozzle unscrewed from the hose, for cleaning, etc. The sprayer is also provided with a brass safety valve to prevent overpressure, and an adjustable shoulder strap with snap at each end. By pressing a lever a trifle the nozzle will throw a fine mist spray or a solid continuous stream 40 feet high, and by releasing the hand the nozzle closes itself automatically

Price.....\$4.50.

LIGHTNING COMPRESSED AIR SPRAYER.

No. 20 Sprayer.

The No. 20 sprayer has a detachable glass reservoir holding 1 qt. The air chamber is 18 inches in length, $1\frac{1}{2}$ inch in diameter, and is furnished with brass tubes extending into the reservoir with slanting air chamber, funnel shape filling hole. The heavy slant plunger rod, strong handle and two brass reservoirs handsomely encased, with the body of the sprayer painted, is unexcelled for durability and impossible to rust out.....Price.....50c



THE LEE SPRAYER.

Is the only Sprayer of this kind on the market that will spray entire contents of can in any direction; the only one that throws a spray **directly upwards** as well as downwards. An invaluable feature and one that is sure to be appreciated by every user of a spray pump.

It is made extra strong, heavily reinforced, and can be laid down without contents of can spilling. Especially adapted for spraying Lee's Lice Killer into the cracks and crevices of your poultry house; or for spraying bushes, plants, shrubbery, potato vines, etc.

Every poultry raiser or farmer needs one. Price. 50c.

SPRAYS "STRAIGHT UP."



DUST-BLOW POWDER SPRAYER.

It is impossible to draw powder back into the cylinder pump, and if the powder is sifted through a screen and kept absolutely dry it will be impossible for the same to clog. The powder can holds one quart, and the sprayer is finished in aluminum, giving same an attractive appearance. Price. 50 cents.

SUNDRIES.

Baskets. Wire hanging, 10 in. 15c; 12 in. 20c; 14 in. 25c; 16 in. 35c.; 18 in. 40c.

"NEW MODEL" CLOVER CUTTER FOR POULTRY.

Removable steel knives, adjustable cutter bar; runs easy; cuts fine; is durable.

The "New Model" Clover Cutter is designed for cutting either green or dry, such growths as clover, alfalfa, vegetable tops, etc., into $\frac{1}{8}$ -inch lengths. These growths are the cheapest and most productive egg-forming poultry foods for cold weather. The "New Model" is made only of iron and steel, from entirely new patterns. It is a strong feeder, has large capacity, runs unusually easy and will do perfect work indefinitely. Length over all $28\frac{1}{2}$ inches. The machine is intended to be mounted on a box or bench at any height to suit operator. Weight, 60 lbs. Price. \$8.00.

EAGLE HAND FEED CUTTER K. D.

A 11 inch spiral knife making three cuts to one turn of crank. The heavy balance wheel produces a free, rapid and easy cut. By changing the ratchet it will cut four different lengths. Price. \$10.00

Black Hawk Corn Sheller | This sheller is simple, easily adjusted, and will shell clean all kinds of field corn. Its construction is such that it cannot choke. Everything is furnished with the sheller necessary to clamp it to the box or board. Price. \$2.00

FLOWER POTS.

(Red and Porous, Good Finish.)

	Each.	Dozen.	Per 100.
4 inch.	3c	\$0.30	\$ 1.50
5 inch.	4c	.40	2.25
6 inch.	5c	.50	3.50
7 inch.	8c	.80	5.75
8 inch.	10c	1.10	7.50
9 inch.	15c	1.50	11.00
10 inch.	20c	2.00	
12 inch.	35c	4.00	

SAUCERS.

	Each.	Dozen.	Per 100.
4 inch.	2c	\$0.20	\$ 0.50
5 inch.	3c	.25	1.75
6 inch.	3c	.30	2.25
7 inch.	4c	.40	2.75
8 inch.	6c	.60	4.25
9 inch.	8c	.75	5.00
10 inch.	10c	.90	7.00
12 inch.	15c	1.25	



Fibrotta Saucers.

5½ inch.... Each, 11c	Doz. \$1.35	10 inch.... Each 16c	Doz. \$1.90
6 " " 12c	1.40	12 " " 20c	2.25
7 " " 13c	1.50	14 " " 25c	3.00
8 " " 15c	1.65	16 " " 45c	5.25
9 " " 15c	1.75		

FIBROTTA SAUCERS.

Made of Indurated Fibre; no moisture goes through to injure table; floor or carpet, light and not easily broken, far cheaper in the end and better every way than earthen ware.



FIBROTTA PLANT TUBS.

Plant Tub of Indurated Fibre Ware are useful in Parlors, Corridors, Hotel Lobbies, etc. Drainage holes in the bottom prevent earth souring and afford perfect ventilation. Plants kept in these tubs will flourish as readily as grown out of doors.

Their glossy beauty remains—simply wash them off in clear water.

	Plain Brown	Plain Brown	
10 in. Pot and Saucer.....	\$0.60	14 in. Pot and Saucer.....	\$1.45
12 in. Pot and Saucer.....	.70	18 in. Pot and Saucer.....	3.75

Fencing. Square mesh Poultry and Garden Fence is made of heavy galvanized steel wire close enough to hold chickens and heavy enough for stock. 10 rod roll 36 inch \$3.50; 48 inch \$4.00; 60 inch \$4.65.

Galvanized Poultry Netting. 2 inch mesh 1 foot 70c; 2 foot \$1.40; 3 ft. \$2.10; 4 ft. \$2.80; 5 ft. \$3.50; 6 ft. \$4.20.



GRASS HOOKS

Knickerbocker. Solid steel shank and excellent blade. Twice as easy to handle as old style. Note the illustration the extended shank does the work.

30c each.

English Riveted..... 40c each.

American Hurd's..... 20c each.

Hand-Weeding Fork..... 15c each, by mail 10c extra.



KNIVES.

Pruning. Heavy blade and iron handle with heavy cap. Admirably adapted for heavy work of any kind. A genuine bargain at.. 50c each, by mail 10c extra.

Knickerbocker.

Budding. With one small blade and regular budding blade, double spring, well capped. This is well made of the best material and we have completed arrangements so that we can supply these to our customers at the extreme low price quoted. A knife that will give satisfaction to any farmer or fruit grower. 65c each; by mail 10c extra.

General Purpose. Two strong blades and stag handle heavily capped. A good pocket knife for any purpose. 25c each; by mail 10c extra.

Boy's Knife. A good knife for the boys. Wood handle, heavy cap, and two strong blades. 20c each; by mail 25c.

LAWN MOWERS.

Suburban Ball Bearing. 14 inch, \$4.25; 16 inch, \$4.50;

Blue Marvel Ball Bearing. 12 inch, \$3.75; 14 inch, \$4.25; 16 inch, \$4.50; 18 inch, \$4.75.

Swift Cutter. 12 inch, \$2.65; 14 inch, \$2.75; 16 inch, \$2.85.

THE DUNHAM LAWN ROLLER.



With lawn rollers as with everything else, there is one **best-one** that stands out as leader of them all. We claim the Dunham will run 44% easier than any other. This claim is backed by tests. Many people believe the roller is used simply for leveling purposes. Its most important use is in pressing down the "heaved up" grass in early spring; in settling the soil after seeding on both new and old lawns and in restoring the conditions of the lawns after heavy rains. This machine is well made with roller bearings, independent sectional rollers, and strong handles which are held upright at all times.

No.	Diameter Inches.	Length Inches.	Sec.	Weight Pounds.	Price.
L.R. 401	15	16	2	150	\$ 7.25
L.R. 404	20	20	2	250	11.00
L.R. 407	20	24	2	300	12.50
L.R. 409	24	20	2	400	17.00

These hand rollers are made up to 650 lbs. We can also furnish one and two horse lawn and land rollers. Ask for prices.

THE MODEL GRINDING MILL.

Grinds all kinds of feed for chickens and other domestic fowls and animals. Adjusted to grind fine or coarse. The burrs are made of Steel-Alloy metal, and are the most durable grinding surfaces made.
 No. 1. Capacity $\frac{1}{2}$ to 1 bu. per hour..... \$ 2.50
 No. 2. Capacity $\frac{3}{4}$ to $1\frac{1}{2}$ bu. per hour..... 5.00
 No. 3. Capacity 1 to 2 bu. per hour..... 7.50

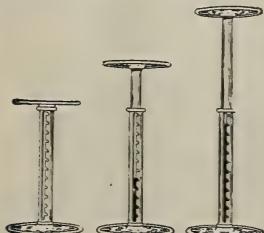
The No. 3 can be furnished with an 8-inch pulley in addition to fly wheel, if desired. Price complete..... 10.00

BLACK HAWK GRIST MILL.

With a Black Hawk Grist Mill you can crack the corn or grind any kind of grain to whatever degree of fineness you desire or whichever will best suit the age or condition of your chickens. Its wide range of usefulness, its durability and small cost will appeal to the family in town with a small flock and it has a large enough capacity to meet the needs of those in the country who keep poultry on a big scale. It will pay for itself. Weight of Mill, 17 lbs. Price, complete, \$3.00. Extra grinders, per pair 40c.

MOLE TRAP—REDDICK.

The best trap on the market. No mole can pass under this trap and live..... 75c



"PLANET JR." FARM AND GARDEN TOOLS.



PLANET JUNIOR No. 4,
COMBINED SEED DRILL
SINGLE WHEEL HOE,
CULTIVATOR and
PLOW.

\$10.50.

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a continuous row seeder, a Single Wheel Hoe, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every state of the garden work. With this one implement the small farmer can do practically all the work in his small crops. Price..... \$10.50
 No. 4 as a Hill and Drill Seeder, only, \$8.50.



PLANET JR. No. 17
SINGLE WHEEL HOE.
CULTIVATOR AND PLOW.

\$4.50.

For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood, and cause your face to glow with honest pride, nothing is quite the equal of this No. 17, Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17, has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

Other attachments can be added at any time. Price..... \$4.50

Potting Soil.	Suitable for palms, ferns, bulbs, or any plant that it is necessary to repot.....	20c per pk.; 75c bu.
Plant Stakes.	7 to 9 feet long, per 100.....	75c
Plant Stands.	These stands are adjustable and made of heavy galvanized iron. No. 1 6 in. high adj. to 12 in. 85c; No. 2, 12 in. high adj. to 12 in., \$1.25; No. 3 12 in. high adj. to 48 in., \$1.50.	
Pruner.	The Little Giant Tree. To use on any length pole. The best on the market.....	\$1.00 each.
Pruning Clyde.	Made with long handles enabling the operator to exert a powerful leverage.....	20-inch 65c; 26 inch 85c.
Hand Pruning.	No. 0, 25c; No. 1, 35c; No. 14, 40c; No. 23, 50c.	

THE LIGHTNING TREE TRIMMER.

The Holden Lightning Trimmer will trim any orchard from three to five times as rapidly as the trimming can be done by any other known method.

At the first glance it suggests its mission—and the more it is studied, the more apparent does it become to the practiced eye of the orchardist that this is his dream come true of a perfect tree pruning tool.

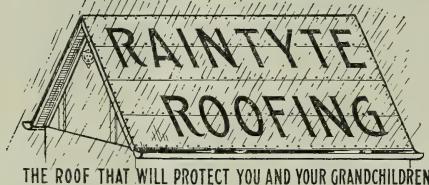
Note the long, slender rod (which can be increased to as much as 20 feet if desired) with the thin, keen steel blade at one end and the sliding hammer at the other. Imagine this keen blade set against a limb, and a single shunt of the sliding hammer at the opposite end of the rod, and you begin to understand the lightning-like rapidity with which it removes superfluous growths.

With the Holden Lightning Trimmer you need no ladders, saws, shears—it is all these things combined and improved on. You do your trimming from the ground. You are thus enabled to look up through your tree and shape and balance it as you could not do if you were up in a tree or using a ladder.

But the marvelous rapidity of this tool is by no means its only recommendation. It does what no other known trimming device can do. IT LEAVES NO STUBS. No shear ever did or ever can make so clean and natural a cut—always perfectly smooth and flush with the body of the tree or parent limb. No tearing or bruising of bark—no stubs to breed decay—the observance of the law of nature which says, "Cut always upwards"—these are the principles along which this splendid tool works.

It eliminates the cumbersome ladder and the injury often done by the ladder to young trees. It pays for itself in the time and labor saved during the first two days of its use.....Price, \$3.00 each.

ROOFING.



You get the Manufacturer's Guarantee with Raintyte.

Queen City Roofing. A good grade of rubber roofing. 1 ply, \$1.25; 2 ply, \$1.50; 3 ply, \$1.75; Cement and nails free with each roll.

Armor Brand Roofing. 2 ply, 60c; 3 ply, 90c.

PARAGON PLASTER BOARD

USED IN PLACE OF
LATH AND PLASTER.

This board is made of wood pulp, built up in layers, compressed until it is very hard and rigid. The size is standard 32 x 36-in., fitting either 16-in. or 18-in. studding, and it is nailed right to the studding with small wire nails.

PARAGON is absolutely true at the edges, insuring perfectly tight joints, and can be cut with an ordinary hand saw to any size required.

There is no preparation of plaster in our board, consequently PARAGON is not brittle, does not crack at edges or break off at corners when nailed.

PARAGON board will not shrink, swell or decay, and is practically water proof.

PARAGON can be painted any color, plastered or wall paper put over it.

Two weights; No. 15, the light \$1.80 per 100 square feet. No. 10, the heavy \$2.40 per 100 square feet.

Raffia. For tying plants, grape vines, etc.

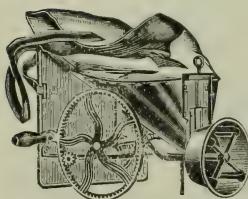
½ lb. 15c; 1 lb. 25c; by mail 15c extra.

Sheet Moss. Green, for hanging baskets.

30c per bale. Bundle of 5 bales, \$1.25.

SEED SOWER.

Cahoon—Can be used by even the most inexperienced person distributing the seed evenly over the ground, overcoming all the difficulty of seed sowing. Operated with crank and wheel. Has adjustable slide for regulating flow of grain or seed.....\$3.00.



Little Giant. An excellent seeder for sowing any kind of seed broadcast. Will save their cost daily in the saving of seed, without counting the saving of time and the result the more even distribution would have on the crop. Cheap and durable....\$1.50 each.

SHEARS.

Hedge. With notch. Solid steel and durable. inches \$1.25; 9 inches \$1.50; 10 inches \$1.75.

Grass. For trimming grass on edges and around flower beds.....20c each; by mail, 35c.

Portsmouth Red End Sythe Stone.....5c each.

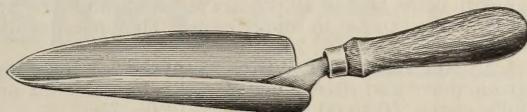
Black Diamond Scythe Stone.....15c each.

TROWELS.

Heavy , No. 10.....	20c. each.
" No. 07.....	10c. each.
" No. 05.....	5c. each.

THERMOMETERS.

Tin case japanned.....	8 inch, 15c each; 12 inch 20c each.
Cottage Barometers	15c each.



WEEDER.

Five prong Weeding Hook.....	10c; by mail 15c.
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TREES AND SHRUBS.

We carry the following trees and shrubs in stock in season and invite you to call and examine them.

BOXWOOD TREES.

Trimmed in Pyramidal and Standard, or Tree Form.

There is a large demand for these beautiful decorative plants. They make beautiful specimens, foliage being dark olive green, and are desirable for many purposes as they are not as expensive as Bay Trees, and can be used where Bay Trees are not admissible, as, on account of their hardiness, they will stand frost and cold. They are not only used as decorative plants for the same purposes as Bay Trees, but are also used in formal outdoor planting, being perfectly hardy. Plants are sheared in beautiful pyramidal specimens and also in standard, or tree form.

Pyramid Shaped —2 to 2½ feet high.....	\$2.00 each	\$3.50 pair
3½ to 4 feet high.....	3.00 "	5.00 "
Bush Shaped —1 to 1½ feet high.....	.50 "	1.00 "

Standard or Tree Shaped—Stems about 2 feet, crowns about 20 inches in diameter..... \$2.50 each; \$4.50 pair.

Magnolia Stellata. A pretty dwarf form that opens its snowy, semi-double flowers in April; earlier than any other Magnolia. Their fragrance is pronounced and delicate. \$2.50 each;

Magnolia Soulangeana. One of the hardiest and finest of foreign Magnolias. Its blossoms are from 3 to 5 inches across, cup-shaped, white and rosy violet, opening before its leaves, which are massive and glossy. \$3.00 each.

Azalea Mollis. A splendid hardy species from Japan, and one of the most valuable flowering shrubs. Flowers large and showy yellow and different shades of red, in fine trusses..... 50c each.

Calycanthus Floridus. (Sweet-Scented Shrub), flowers fragrant, like strawberries; double and of a chocolate color. 25c each; \$2.50 doz.

Lilac Charles X. Rapid grower, reddish, purple flowers, each..... 50c

Lilac, Marie Legrave. Flowers pure white, extra each..... 50c

Lilac, Ludwig Spaeth. Long panicles of purplish-red flowers, each..... 50c

Viburnum Plicatum. (Snowball, Japan), one of the most valuable hardy shrubs. It forms an erect, compact shrub six to eight feet high; blooms in early June, and for a long time is a solid mass of white, each..... 50c

Althea. (Rose of Sharon), strong erect growing shrubs, which bear large and showy flowers in early fall.

Double Rose, Double White, Double Purple, each..... 30c

Weigelia Eva Rathke. A charming variety, flowers brilliant crimson; a beautiful distinct clear shade. 30c

Spirea Anthony Waterer. A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 24 inches in height, and a profuse bloomer in spring and fall..... 25c

Spirea Van Houttei. The grandest of all the Spireas; it is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom. Clusters of 20 to 30 flat white florets make up the racemes, and these clusters are set close along the drooping stems. Perfectly hardy and an early bloomer..... 25c

Hydrangea Paniculata Grandiflora. This is the finest shrub in cultivation, and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose and remain in good condition for weeks, each..... 25c

Hydrangea Paniculata Grandiflora Standard or Tree Shaped Plants. These are fine specimen plants, four and five years old, trained to tree shape with about three feet of straight stem and nicely shaped heads, should bloom profusely the first year, each..... 50c

Norway Maple. The dense, dark foliage of this lovely tree and its compact, strong habit of growth, its freedom from attacks of insects, combine to make this the very best street, avenue or lawn tree for all situations. It rivals the oak, and the oldest trees known are still young in appearance. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50.

Horse Chestnut. A very beautiful, well-known tree, forming a round, compact head, with dark green foliage and an abundance of showy flowers early in Spring. Very desirable on account of its hardy, healthy habit. When fully grown, 40 to 50 feet high. 10 to 12 ft., \$2.00.

Catalpa Bungei. A small species that grows 8 to 10 feet high and twice as broad, forming a great bush, clothed with a dense mass of large, heart-shaped leaves. Among our hardy shrubs there are but few, if any, that are more effective as foliage plants for park or lawn. When grafted on a stalk of one of the tree species 5 or 6 feet high, it makes a handsome standard tree, with a very dense and symmetrical globular head without trimming. 6 to 7 ft. \$1.50; specimens, \$2.50.

Carolina Poplar. This rapid growing tree, with its large glossy leaves, open head and symmetrical habit of growth, is the best of all poplars for shade and street planting. It retains its foliage later than other varieties and is well adapted to use in smoky cities. They may be allowed to branch to the ground when desired for windbreaks or screens. 10 to 12 ft., 75c.

Silver-Leaved or White Maple. A hardy, rapid-growing native variety of the largest size; foliage bright green above and silvery underneath. Valuable for producing a quick shade. Excellent for street planting. When fully grown, 50 to 60 feet. 10 to 12 ft., 75c.

Tree Roses. The Tree Roses are grafted on hardy Rose stalks, about four feet high; are tree-shaped, and when in full bloom are objects of beauty, making handsome plants for a lawn or Rose border. We have them in ten of the choicest varieties in the different shades of pink, red, crimson and white. Fine strong trees that will bloom nicely the first year. \$1.00 each. The following varieties in stock.

Gruss An Teplitz (Hy. China) or the Greeting of Teplitz. As a bedding, border or hedge Rose this variety has no superior. It is semi-double of the brightest hue, scarcely crimson

Glory of England. Magnificent Pink.

Mrs. John Laing. This lovely satiny-pink rose proves to be a most desirable variety. It is large and of fine form and flowers continuously, deliciously fragrant, and valuable for forcing or garden culture.

Magna Charta. A splendid sort; bright clear pink, flushed with violet crimson; very sweet; flower extra large; fine form; very double and full; a free bloomer.

Alfred Colomb. Carmine crimson.

Anne de Diesbach. Pink.

Paul Neyron. Flowers of immense size; one of the largest roses grown and one of the finest; color deep shining rose, very fresh and pretty. It is a strong grower and remarkably free bloomer.

Jules Margottin. Carmine rose.

Frau Carl Druschki. The ideal white rose, pure in color, perfect in form.

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Two Year-Old Plants, 35c each, \$3.50 per dozen.

Alfred Colomb. Carmine crimson.

Anne de Diesbach. Pink.

American Beauty. A favorite with all. Full deep rich rose color and fine form.

General Jacqueminot. This lovely rose is seldom if ever omitted from any collection, and will ever be a favorite. Its clear, rich, brilliant crimson-scarlet color, large and elegant form, free flowering habit and strong erect growth, all combine to captivate the heart of every lover of the beautiful. Perfectly hardy.

Margaret Dickson. Of magnificent form; white, with pale flesh center; petals very large, shell shaped, and of great substance; fragrant, a very beautiful variety; foliage very large, dark green.

Paul Neyron. Flowers of immense size; one of the largest roses grown and one of the finest; color deep shining rose, very fresh and pretty. It is a strong grower and remarkably free bloomer.

Prince Camille de Rohan. Deep velvety crimson; large; moderately full.

La France. Silvery rose.

Madam Plantier. White.

Fisher Holmes. Deep crimson; full, perfect form; good.

HARDY CLIMBING ROSES.

Dorothy Perkins. A shell-pink climbing rose. This rose is of the same strong habit of growth as Crimson Rambler, and the flowers are borne in clusters of thirty to forty. The flowers are large for a rose of this class, very double and sweet scented. A great acquisition; good forcer and free flowerer, absolutely hardy.

Crimson Rambler. The plant is of very vigorous growth, making shoots from eight to ten feet during the season. The flowers are produced in trusses, fairly covering the plants from the ground to the top, so that it is one mass of glowing crimson. The color is superb, and remains strong and vivid to the end. The profusion of bloom is marvelous, over three hundred blossoms having been counted on one shoot.

Yellow Rambler. The flowers are borne in immense clusters, often as many as 150 blossoms in a bunch. The color is a decided yellow; the flowers are very fragrant; the habit of growth is very vigorous. Well established plants often making shoots eight to ten feet in one season.

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Clematis Paniculata. A beautiful hardy blooming vine. The flowers are pure white, very fragrant, borne in large clusters..... Strong plants, 30c each.

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Monthly Fragrant or Dutch. Blooms all summer.

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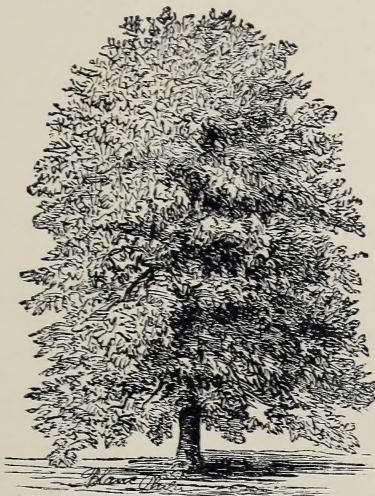
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